# HCD-VP1

# SERVICE MANUAL

*E Model*
*Chinese Model*

HCD-VP1 is the Amplifier, Video CD player, Tape Deck and Tuner section in CMT-VP1.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
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| | | |
|---|---|---|
| CD Section | Model Name Using Similar Mechanism | HCD-CP1 |
| | CD Mechanism Type | KSL-2130CCP/K1N |
| | Optical Pick-up Name | KSS-213C/K1N |
| Tape Section | Model Name Using Similar Mechanism | HCD-ED1 |
| | Tape Transport Mechanism Type | CMAL1Z023A |

## SPECIFICATIONS

### Amplifier section

The following measured at 230 V AC, 60 Hz
DIN power output (rated): 20 + 20 W
(6 ohms at 1 kHz, DIN)
Continuous RMS power output (reference):
25 + 25 W
(6 ohms at 1 kHz, 10% THD)

The following measured at 220 V AC, 60 Hz
DIN power output (rated): 18 + 18 W
(6 ohms at 1 kHz, DIN)
Continuous RMS power output (reference):
23 + 23 W
(6 ohms at 1 kHz, 10% THD)

Inputs
MD IN (phono jacks): Sensitivity 500 mV, impedance 47 kilohms
VIDEO IN (phono jacks): Sensitivity 250 mV, impedance 47 kilohms
MIC (phone jack): sensitivity 1 mV, impedance 10 kilohms

Outputs
LINE OUT (phono jacks): Sensitivity 250 mV, impedance 1 kilohm
OPTICAL DIGITAL OUT (CD): Optical
VIDEO OUT (phono jack): max. output level 1Vp-p, unbalanced, Sync negative, load impedance 75 ohms
PHONES (stereo phone jack): Accepts headphones with an impedance of 8 ohms or more

### VIDEO CD/CD player section

System: Compact disc and digital audio and video system
Laser: Semiconductor laser (λ=780nm)
Emission duration: continuous
Laser output: Max. 44.6 μW*
* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Wavelength: 780 – 790 nm
Video color system format NTSC, PAL

CD DIGITAL OUT OPTICAL
(Square optical connector jack, rear panel)
Wavelength: 660 nm
Output Level: –18 dBm

### Tape player section

Recording system: 4-track 2-channel stereo
Frequency response (DOLBY NR OFF)
50 - 13,000 Hz (±3 dB), using a Sony TYPE I cassette
50 - 14,000 Hz (±3 dB), using a Sony TYPE II cassette

### Tuner section

FM stereo, FM/AM superheterodyne tuner

#### FM tuner section

Tuning range: 87.5 - 108.0 MHz (50-kHz step)
Antenna: FM wire antenna
Antenna terminals: 75 ohm unbalanced
Intermediate frequency: 10.7 MHz

#### AM tuner section

Tuning range: 530 - 1,710 kHz (with the tuning interval set at 10 kHz)
531 - 1,602 kHz (with the tuning interval set at 9 kHz)
Antenna: AM loop antenna, external antenna terminal
Intermediate frequency: 450 kHz

### General

Power requirements: 120 V, 220 V, or 230 - 240 V AC, 50/60 Hz
Adjustable with voltage selector
Power consumption: 55 W
Dimensions (w/h/d): Approx. 190 × 252 × 280 mm incl. projecting parts and controls
Mass: Approx. 5.7 kg

Design and specifications are subject to change without notice.

## MICRO HiFi COMPONENT SYSTEM

SONY®

MICROFILM

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**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

**NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT**

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

**NOTES ON LASER DIODE EMISSION CHECK**

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

**Notes on chip component replacement**
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

**Flexible Circuit Board Repairing**
- Keep the temperature of the soldering iron around 270 ˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

The following caution label is located inside the unit.

与安全有关的零部件须知

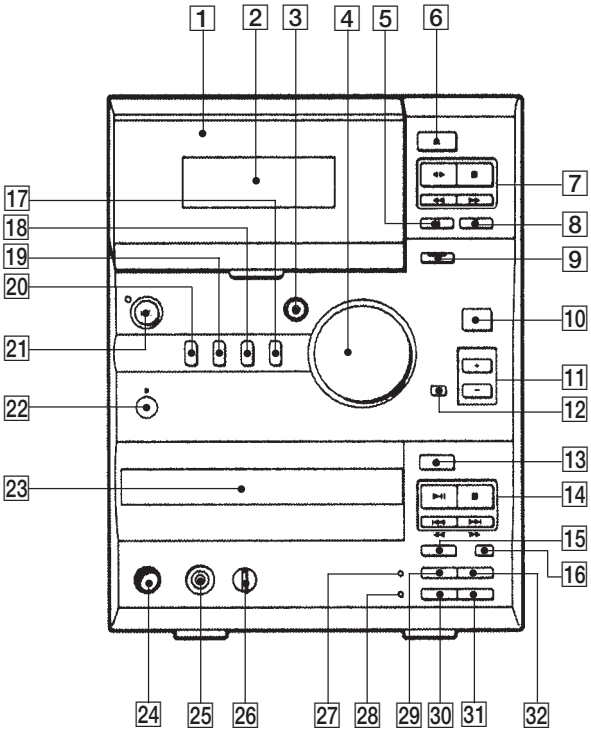
在原理图上用阴影及⚠标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

# SECTION 1
# GENERAL

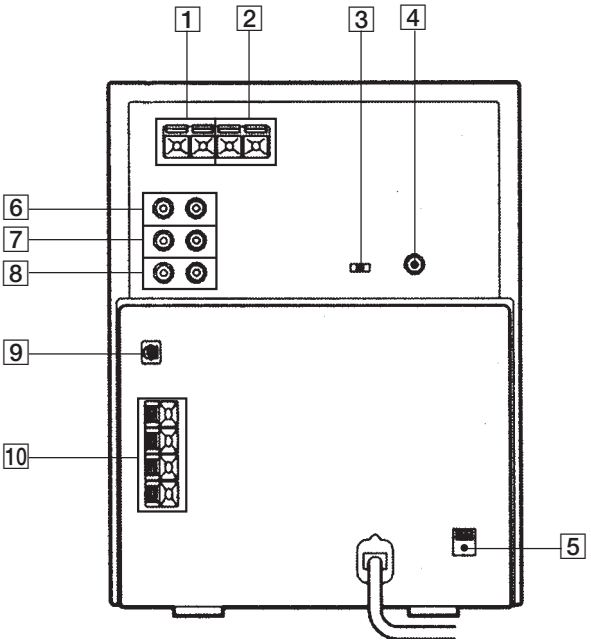
## LOCATION OF CONTROLS

**• Front View**




1 Tape deck
2 Liquid crystal display
3 DSG button and indicator
4 VOLUME knob
5 TAPE ❚❚ button
6 TAPE ⏏ button
7 TAPE ◀▶, ■, ◀◀, ▶▶ buttons
8 TAPE REC ● button
9 CD SYNC button and indicator
10 TUNER/BAND button
11 TUNING +/– buttons
12 TUNING MODE button
13 CD EJECT ⏏ button
14 CD ▶❚❚, ■, ⏮/◀◀, ▶▶⏭/▶▶ buttons
15 CD PLAY MODE button
16 CD REPEAT button
17 TUNER button and indicator
18 CD button and indicator
19 TAPE button and indicator
20 MD/VIDEO button and indicator
21 I/⏻ button and indicator
22 Remote sensor
23 CD disc tray
24 PHONES jack
25 MIC IN jack
26 MIC VOL knob
27 VCD ON indicator
28 PBC indicator
29 SELECT button
30 PREV button
31 RETURN button
32 NEXT button

**• Rear View**

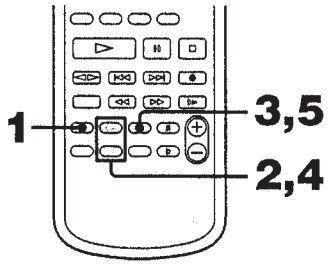



1 AM ANTENNA terminals
2 FM ANTENNA terminals
3 SYSTEM SELECT switch
4 VIDEO OUT jack
5 POWER SELECT switch
6 LINE OUT jacks
7 MD IN jacks
8 VIDEO IN jacks
9 OPTICAL DIGITAL OUT (CD)
10 SPEAKER terminals

This section is extracted from instruction manual.

# Step 2: Setting the time

Before you can use the system's timer functions, set the internal clock.

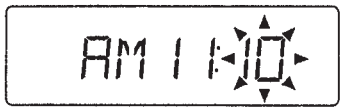



**1** Press TIMER SET.
The hour indication flashes.

**2** Press +/– repeatedly to set the hour.

**3** Press ENTER.
The minute indication flashes.

**4** Press +/– repeatedly to set the minute.




**5** Press ENTER.
The clock will begin operating.

### To reset the system clock

You can reset the system clock even when the system is on or off. To reset the time while the system is on, do the following:

**1** Press TIMER SET.
**2** Press +/– repeatedly until "SET CLOCK" appears, then press ENTER.
**3** Repeat step 2 to 5 in "Step 2: Setting the time".

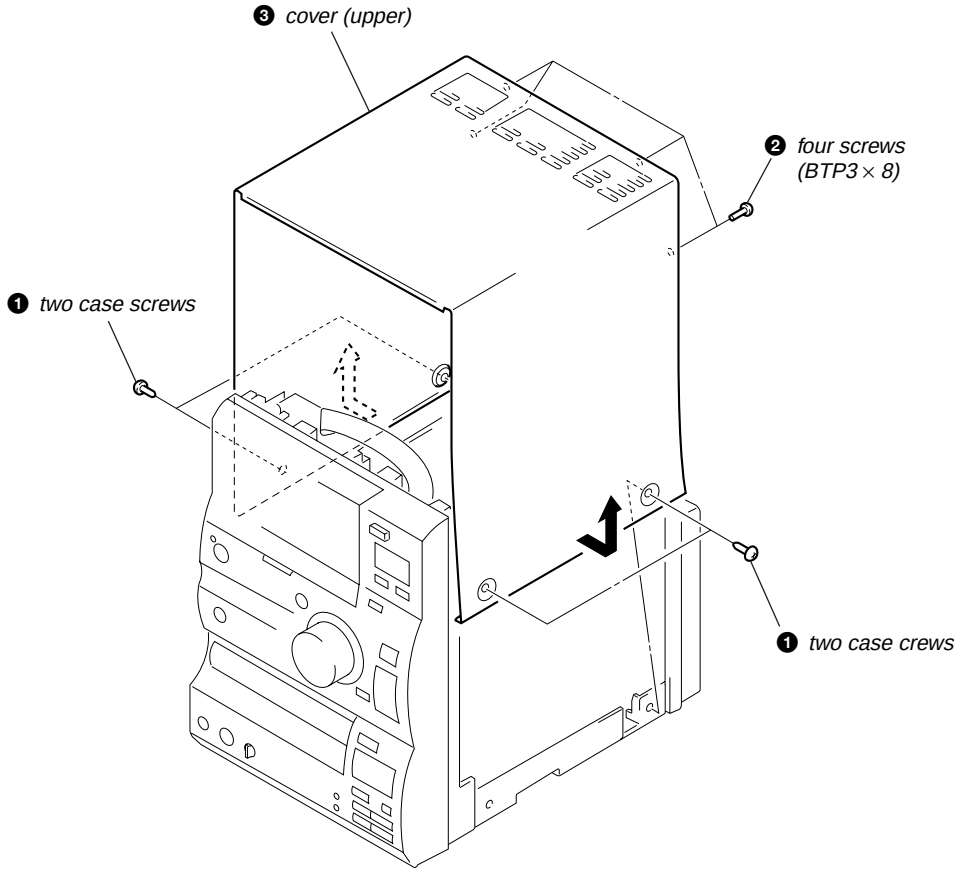
**Tip**

If you make a mistake, start over from step 1.

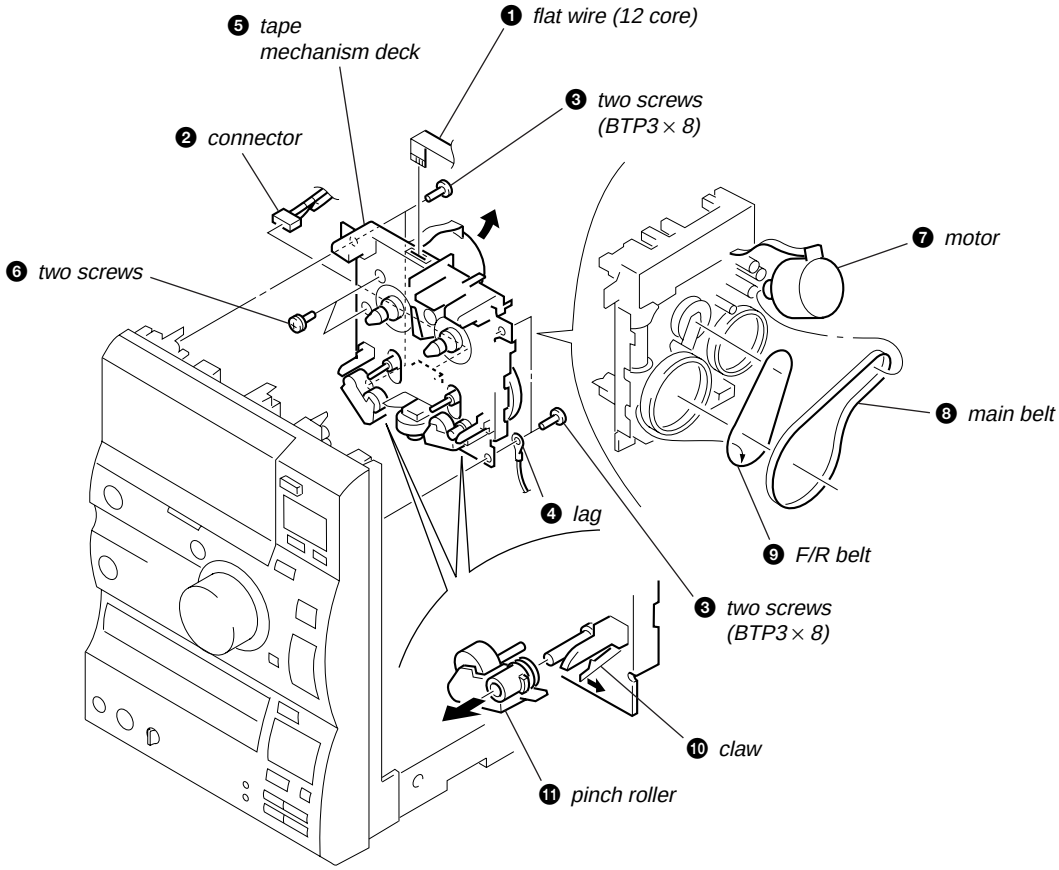
# SECTION 2
# DISASSEMBLY

**Note:** Follow the disassembly procedure in the numerical order given.

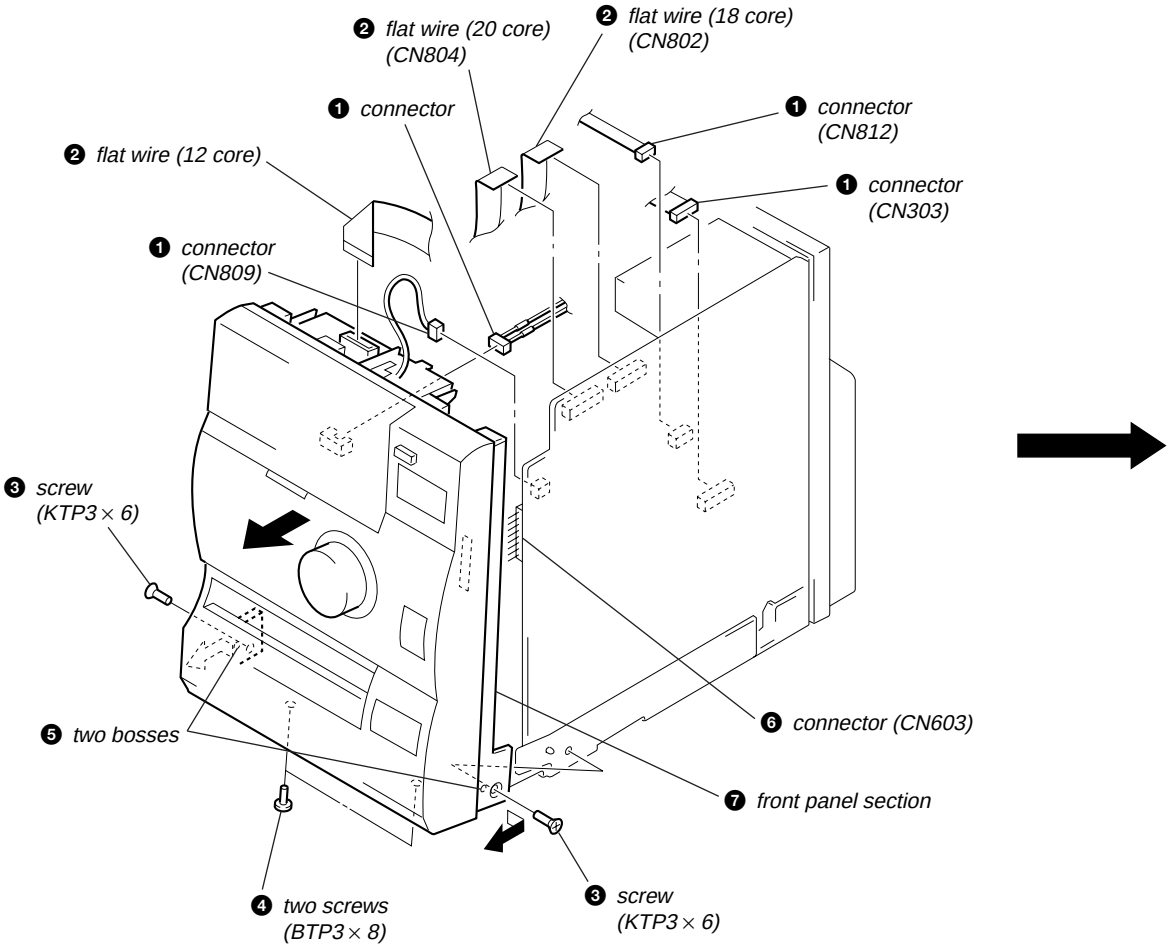
## COVER (UPPER)




## TAPE MECHANISM DECK

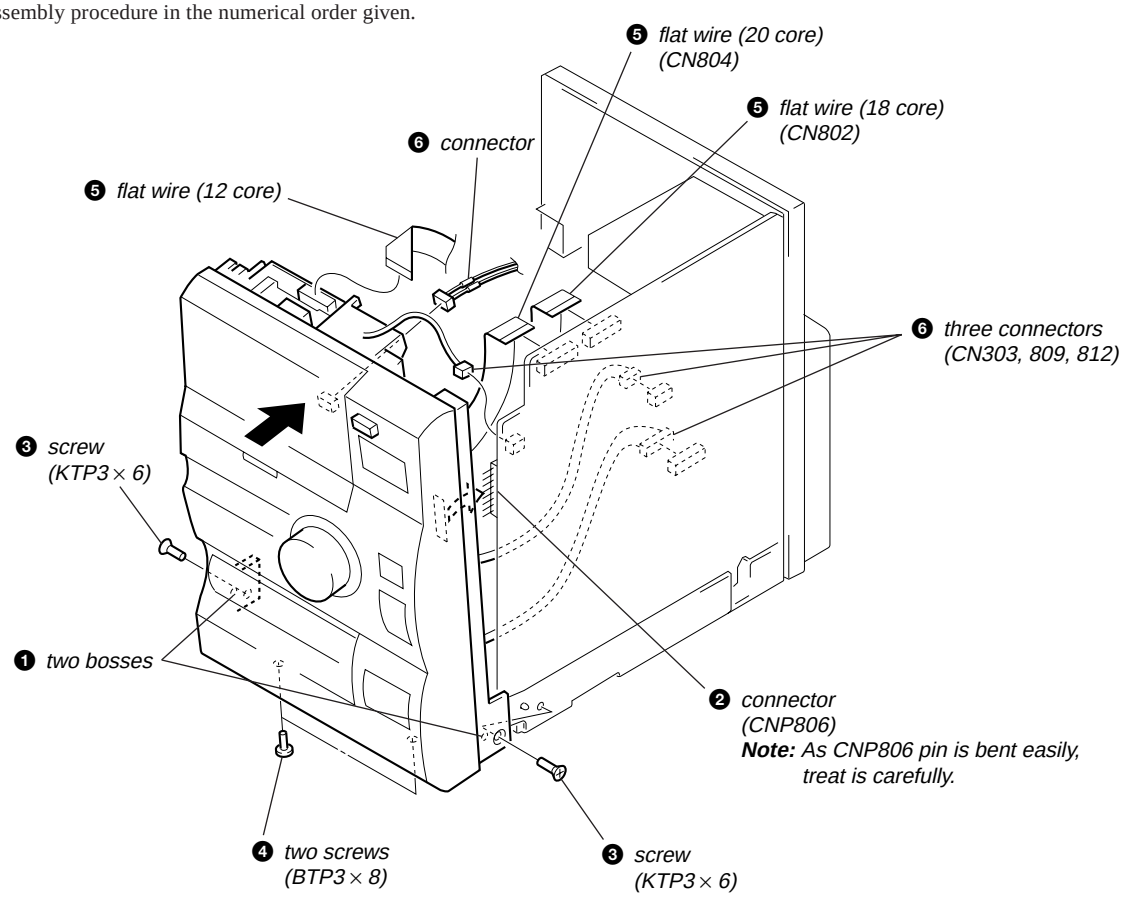


## FRONT PANEL SECTION

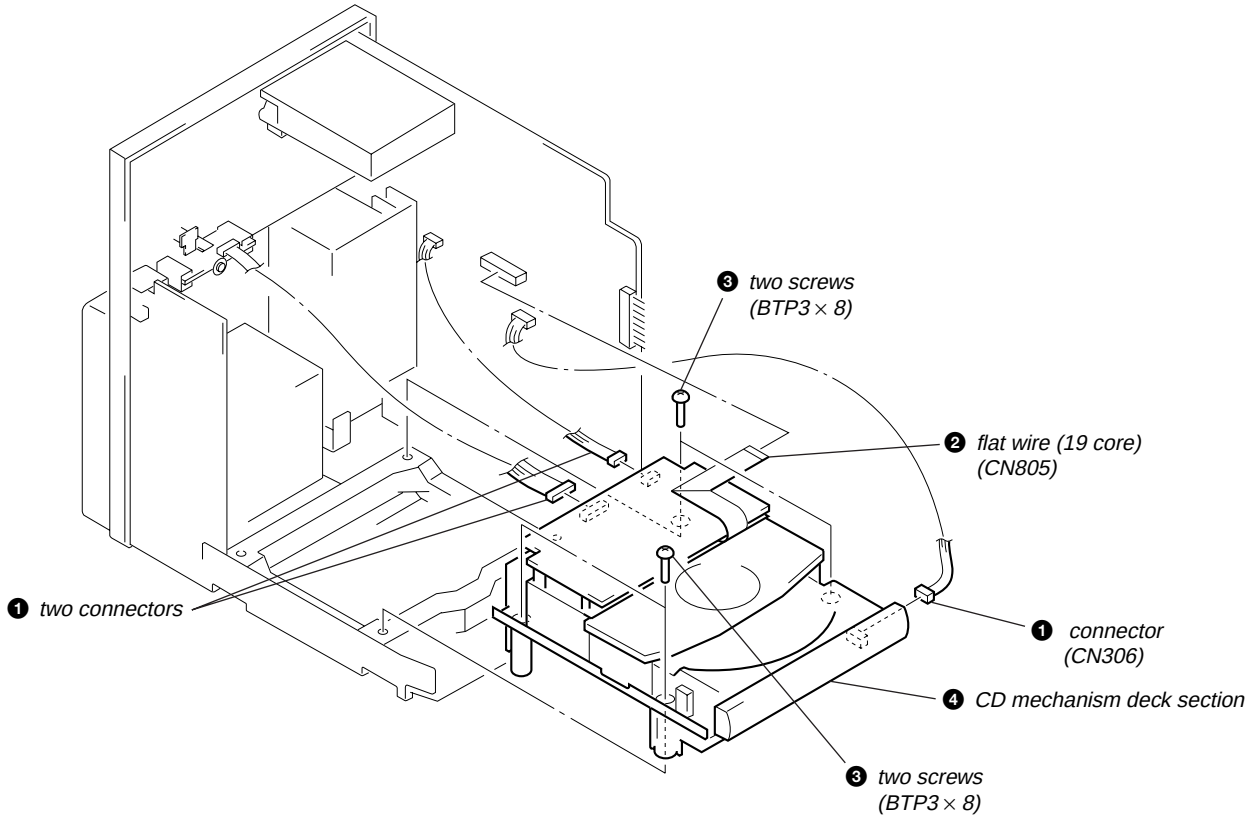

❷ flat wire (20 core) (CN804)
❷ flat wire (18 core) (CN802)
❶ connector
❶ connector (CN812)
❷ flat wire (12 core)
❶ connector (CN303)
❶ connector (CN809)
❸ screw (KTP3 × 6)
❺ two bosses
❻ connector (CN603)
❼ front panel section
❹ two screws (BTP3 × 8)
❸ screw (KTP3 × 6)

### • FRONT PANEL SECTION INSTALLATION

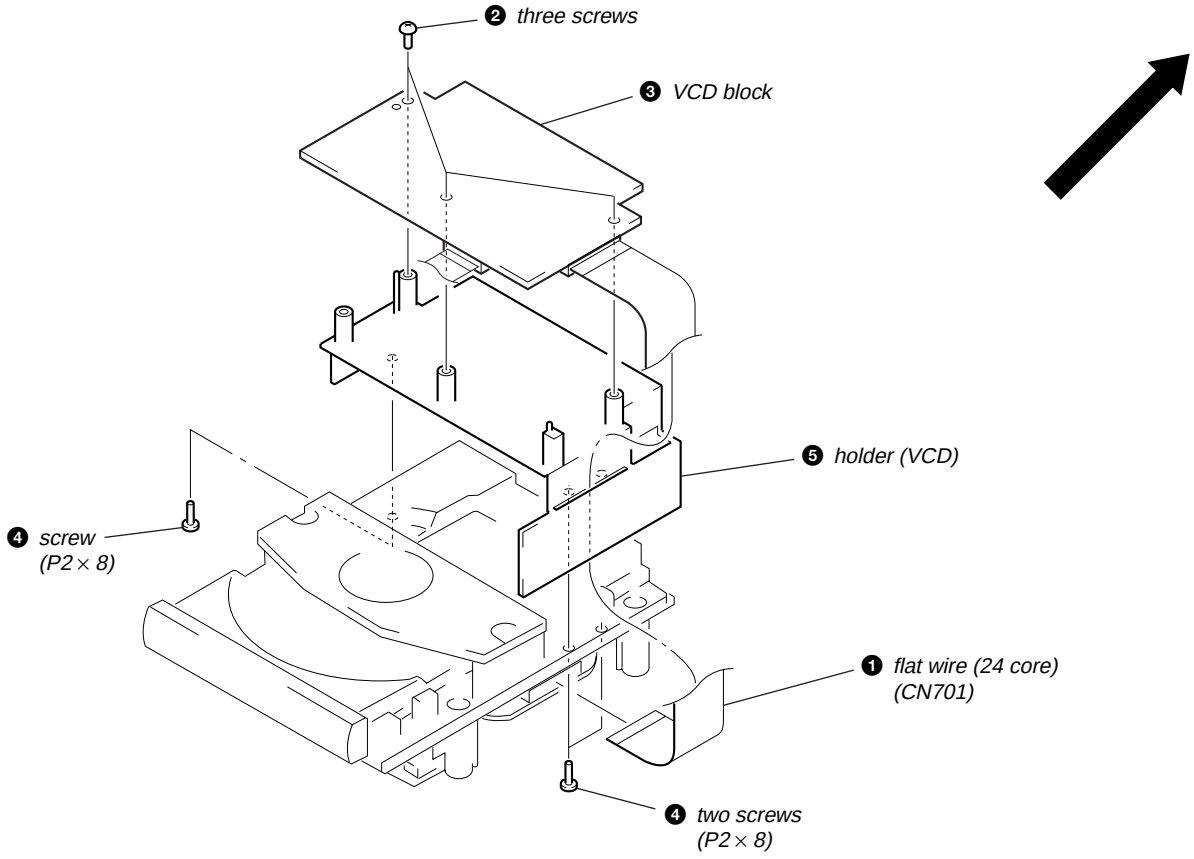
**Note:** Follow the assembly procedure in the numerical order given.


❺ flat wire (20 core) (CN804)
❺ flat wire (18 core) (CN802)
❻ connector
❺ flat wire (12 core)
❻ three connectors (CN303, 809, 812)
❸ screw (KTP3 × 6)
❶ two bosses
❷ connector (CNP806)
Note: As CNP806 pin is bent easily, treat is carefully.
❹ two screws (BTP3 × 8)
❸ screw (KTP3 × 6)

## CD MECHANISM DECK SECTION

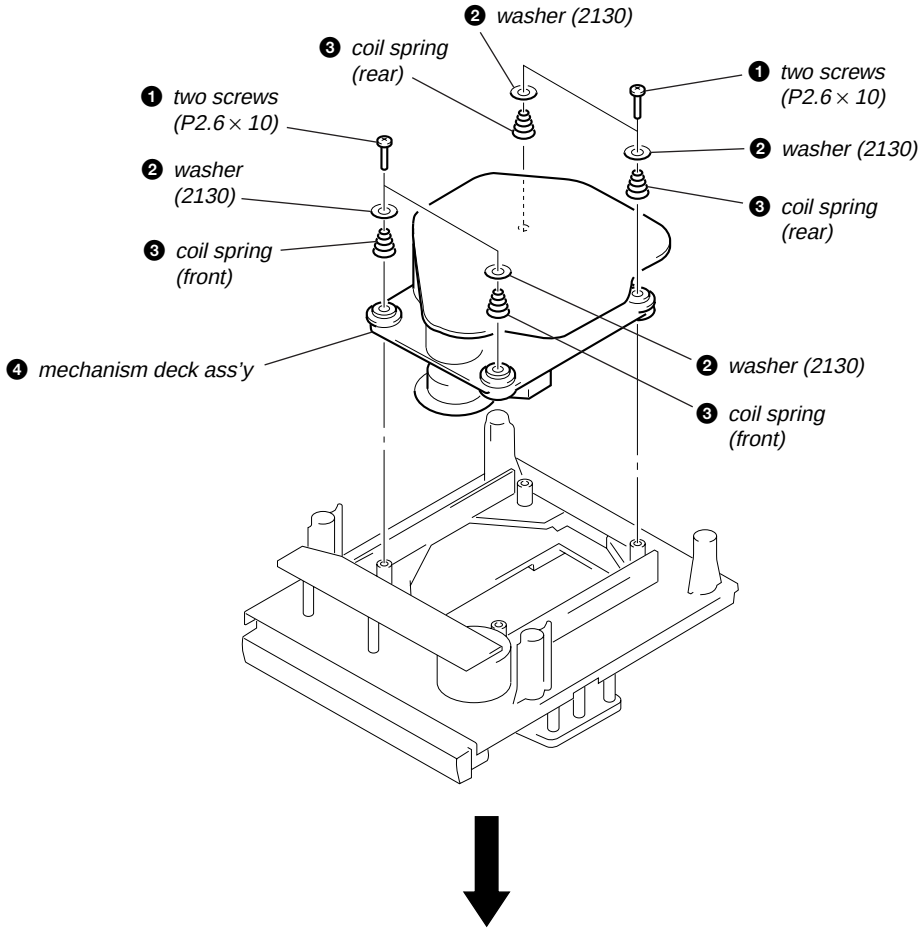



## VCD BLOCK

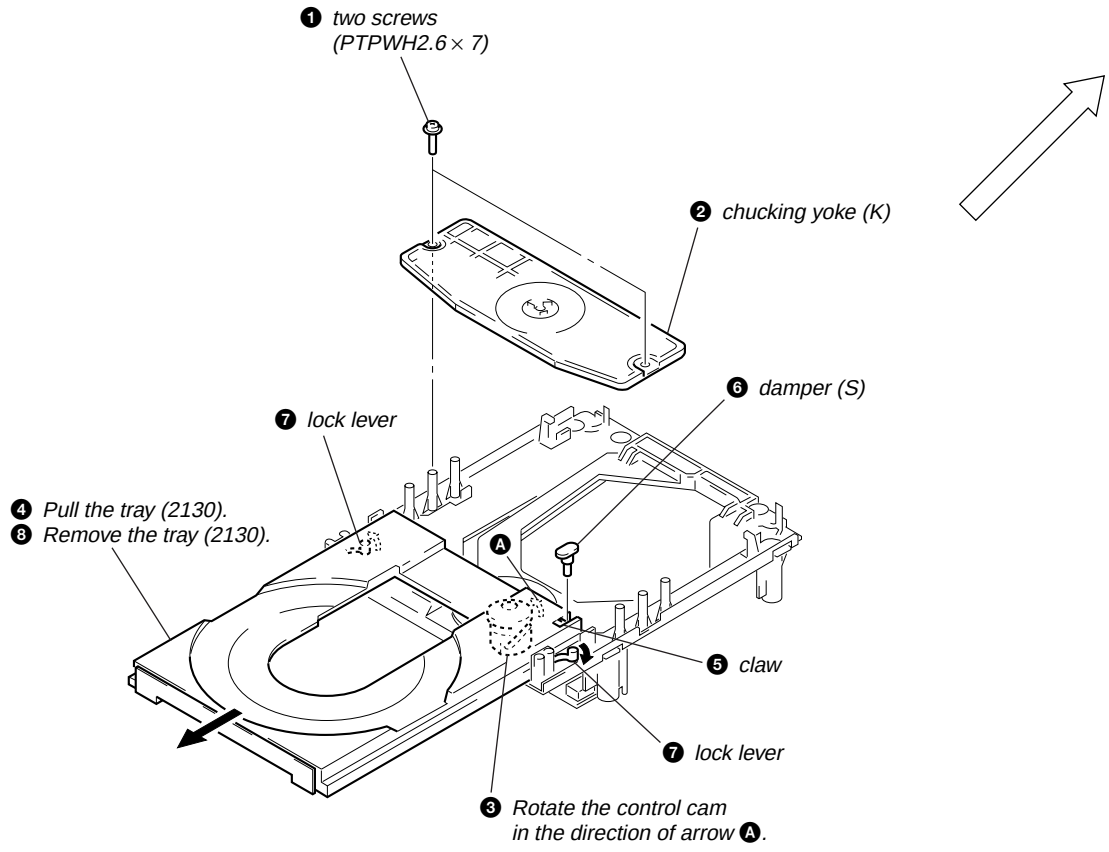


## MECHANISM DECK ASS'Y

**Note:** As ❸ coil springs are missed easily, terat them carefully.

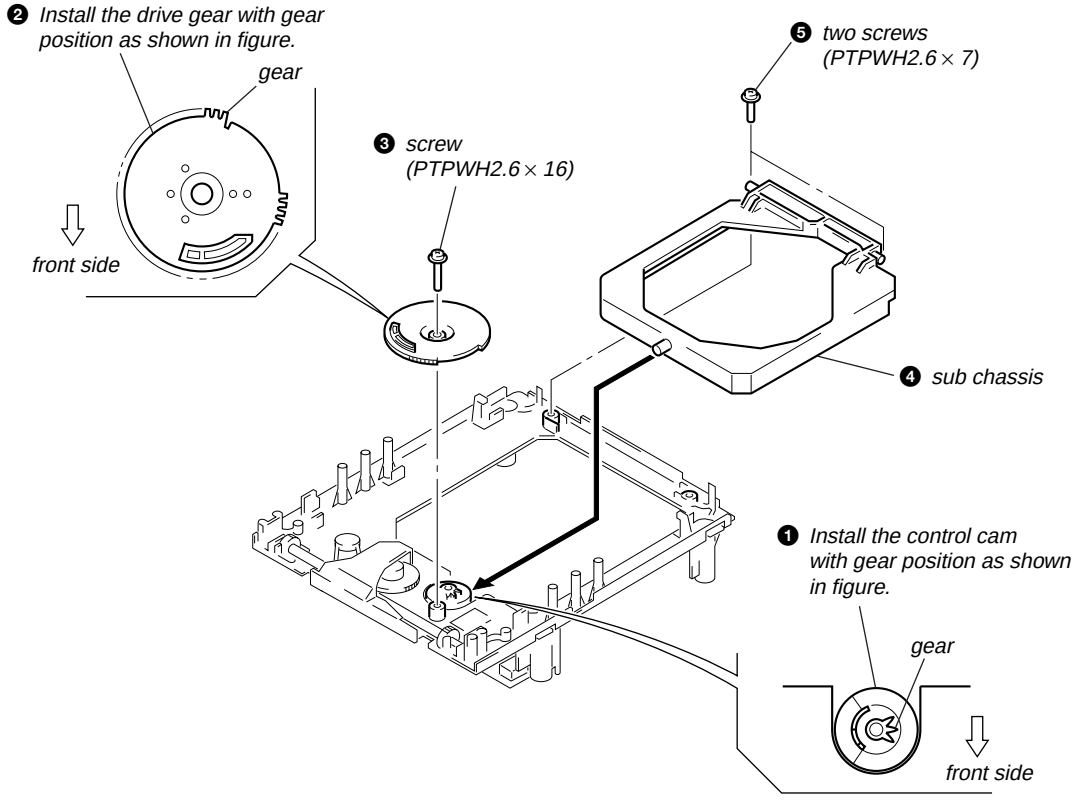

❷ washer (2130)
❸ coil spring (rear)
❶ two screws (P2.6 × 10)
❶ two screws (P2.6 × 10)
❷ washer (2130)
❷ washer (2130)
❸ coil spring (rear)
❸ coil spring (front)
❹ mechanism deck ass'y
❷ washer (2130)
❸ coil spring (front)

## TRAY (2130)


❶ two screws (PTPWH2.6 × 7)
❷ chucking yoke (K)
❻ damper (S)
❼ lock lever
❹ Pull the tray (2130).
❽ Remove the tray (2130).
Ⓐ
❺ claw
❼ lock lever
❸ Rotate the control cam in the direction of arrow Ⓐ.

**• SUB CHASSIS INSTALLATION**

**Note:** Follow the assembly procedure in the numerical order given.


❷ Install the drive gear with gear position as shown in figure.
gear
front side
❸ screw (PTPWH2.6 × 16)
❺ two screws (PTPWH2.6 × 7)
❹ sub chassis
❶ Install the control cam with gear position as shown in figure.
gear
front side

# SECTION 3
# SERVICE MODE

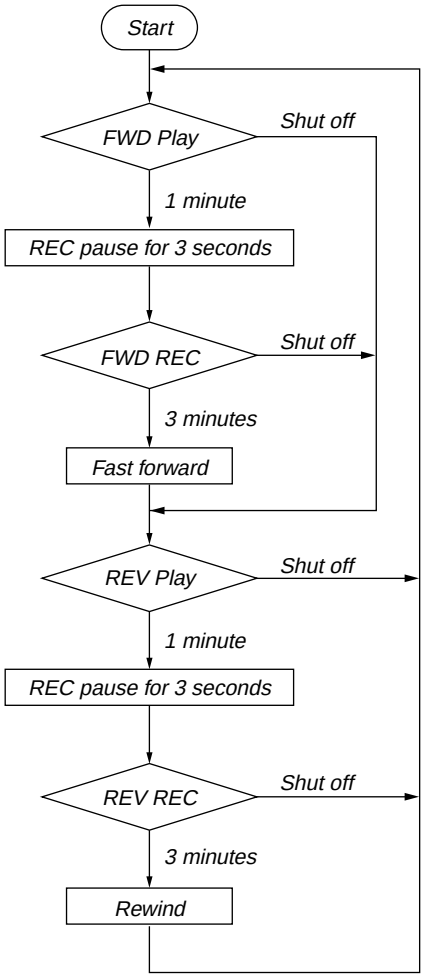
### [Liquid Crystal Display All Lit Check Mode]

**Procedure:**
1. Set to standby state.
2. Press three buttons of ■ (TAPE), ■ (CD), and MD/VIDEO simultaneously.
3. Liquid crystal display are all turned on.
4. To release from this mode, press the I/⏻ button to turn the power OFF.

### [Tape Deck Aging Mode]
This mode can be used for operation check of tape deck section.

**Procedure:**
1. Set a tape in the tape deck.
2. Set to standby state.
3. Press three buttons of ■ (TAPE), ■ (CD), and TAPE simultaneously.
4. The aging is executed in bellow sequence.
5. To release from the aging mode, press the I/⏻ button to turn the power OFF.

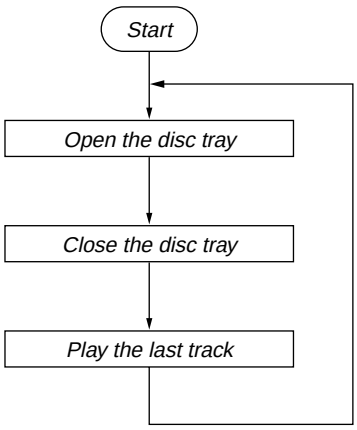
**Aging mode sequence:**




### [CD Aging Mode]
This mode can be used for operation check of CD section.

**Procedure:**
1. Load a CD disc.
2. Set to standby state.
3. Press three buttons of ■ (TAPE), ■ (CD), and TUNER simultaneously.
4. The aging is executed in bellow sequence.
5. To release from the aging mode, press the I/⏻ button to turn the power OFF.

**Aging mode sequence:**



# SECTION 4
# ELECTRICAL CONFIRMATIONS AND ADJUSTMENTS

**DECK SECTION** | 0 dB=0.775 V

**Note:** Confirm each contents of this section first of all. If the results are not satisfied, do the adjustment.

1. Demagnetize the record/playback head with a head demagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjust.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment)
6. The adjustments should be performed for both L-CH and R-CH.
7. Switches and controls should be set as follows unless otherwise specified.

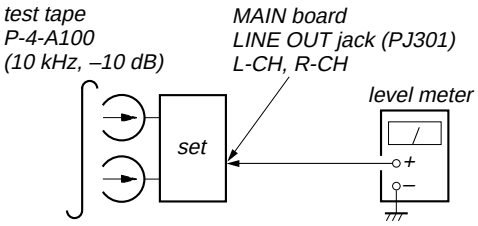
• Test Tape

| Tape | Signal | Used for |
|---|---|---|
| P-4-A100 | 10 kHz, –10 dB | Azimuth Adjustment |
| P-4-L300 | 315 Hz, 0 dB | Level Adjustment |

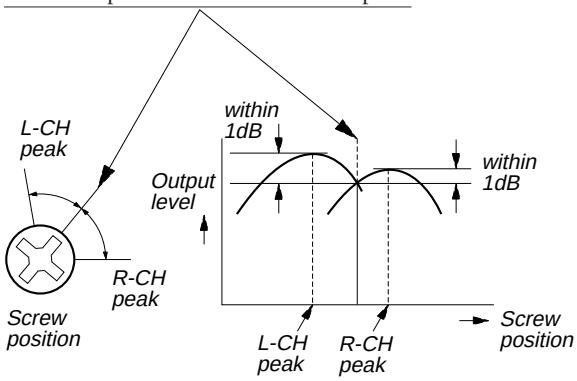
### Record/Playback Head Azimuth Adjustment

**Procedure:**

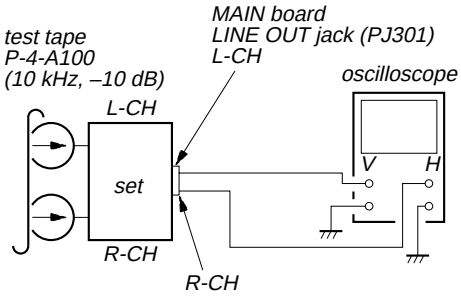
1. Mode: Playback

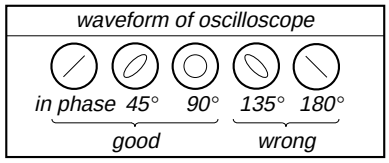



2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1dB of peak.



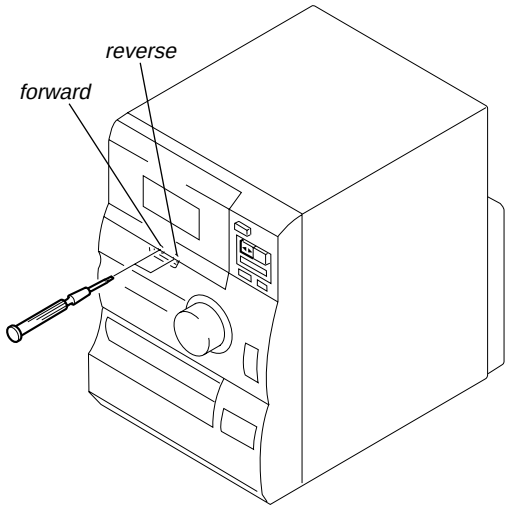

3. Mode: Playback




4. Repeat step 1 to 3 in playback (REV) mode.
5. After the adjustments, apply suitable locking compound to the pats adjusted.

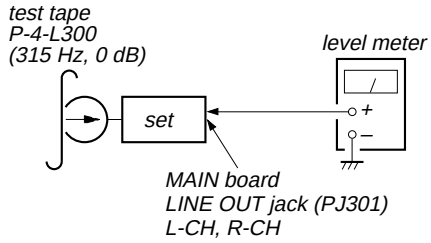
**Adjustment Location:**



### Playback level Confirmation and Adjustment

**Procedure:**

Mode: Playback




Confirm playback level is within specification values as follows. If these levels are out of specification values, adjust the RV151 (L-CH) and RV251 (R-CH) on the MAIN board so that the level meter reading become within specified value.

**Specified value:**

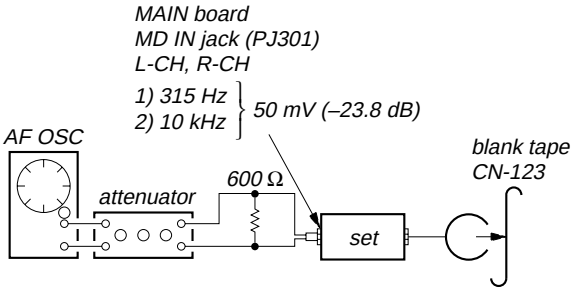
PJ301 PB level: 301.5 to 338.3 mV (–8.2 to –7.2 dB) level difference between the channels: within ±0.5 dB

**Adjustment Location:** MAIN board

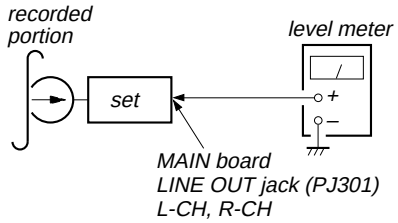
### REC Bias Confirmation and Adjustment

**Procedure:**

1. Mode: Record




2. Mode: Playback




3. Confirm playback the signal recorded in step 1 become specified value as follows.
   If these values are out of specification values, adjust the RV153 (L-CH) and RV253 (R-CH) on the MAIN board to repeat steps 1and 2.

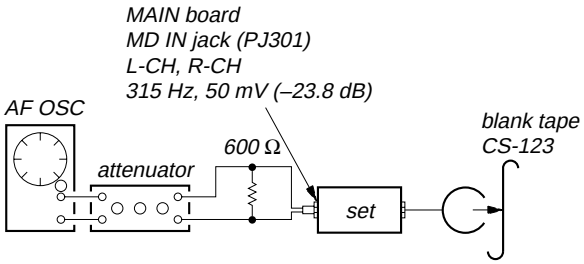
**Specified value:** Playback output of 315 Hz to playback output of 10 kHz: ± 0.5 dB

**Adjustment Location:** MAIN board

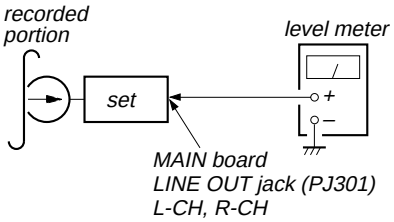
### REC Level Confirmation and Adjustment

**Procedure:**

1. Mode: Record




2. Mode: Playback



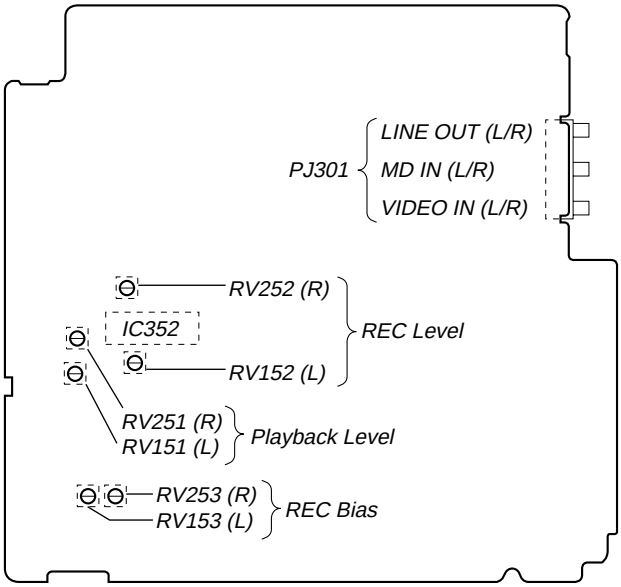

3. Confirm playback the signal recorded in step 1 become specified value as follows.
   If these values are out of specification values, adjust the RV252 (R-CH) and RV152 (L-CH) on the MAIN board to repeat steps 1 and 2.

**Specified value:**

PJ301 PB level: 47.2 to 53.0 mV (– 24.3 to – 23.3 dB)

**Adjustment Location:** MAIN board

**– MAIN Board (Conductor Side) –**



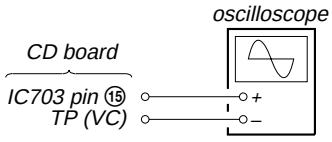
## CD SECTION

**Notes:**

1. CD block basically constructed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (Part No.: 3-702-101-01) unless otherwise indicated.
3. Use the oscilloscope with more than 10 MΩ impedance.
4. Clean an object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.

### S-Curve Confirmation

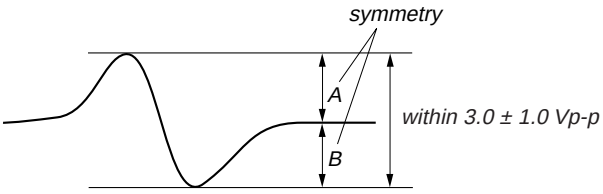
**Connection:**




**Procedure:**

1. Connect an oscilloscope to IC703 pin ⑮ and TP (VC) on the CD board.
2. Connect between TP (FOK) and TP (GND) on the CD board by lead wire.
3. Turn the power ON.
4. Press the EJECT⏏ (CD) button to open the disc tray, and put the disc (YEDS-18).
5. Press the EJECT⏏ (CD) button to close the disc tray (Actuate the focus search).
6. Confirm that the waveform on the oscilloscope is symmetrical between A and B and that peak to peak level is within 3.0 ± 1.0 Vp-p.

*S-curve waveform*

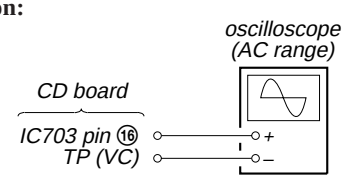



7. After confirmation, disconnect the lead wire in step 2.

**Note:** • Try to measure several times to make sure that the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

### RF Level Confirmation

**Connection:**

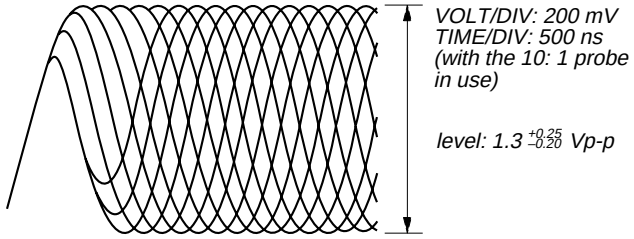



**Procedure:**

1. Connect an oscilloscope to IC703 pin ⑯ and TP (VC) on the CD board.
2. Turn the power ON.
3. Load the disc (YEDS-18), and press the ▶II button to playback the disc.
4. Confirm that the waveform on the oscilloscope is clear and that the RF signal level is correct.

**Note:** Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

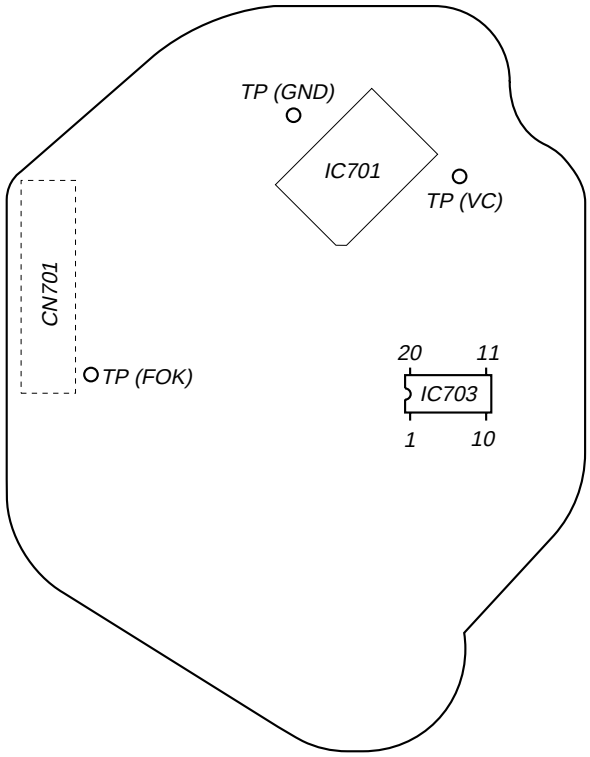
*RF signal waveform*




When observing the eye pattern, set the oscilloscope for AC range and raise vertical sensitivity.

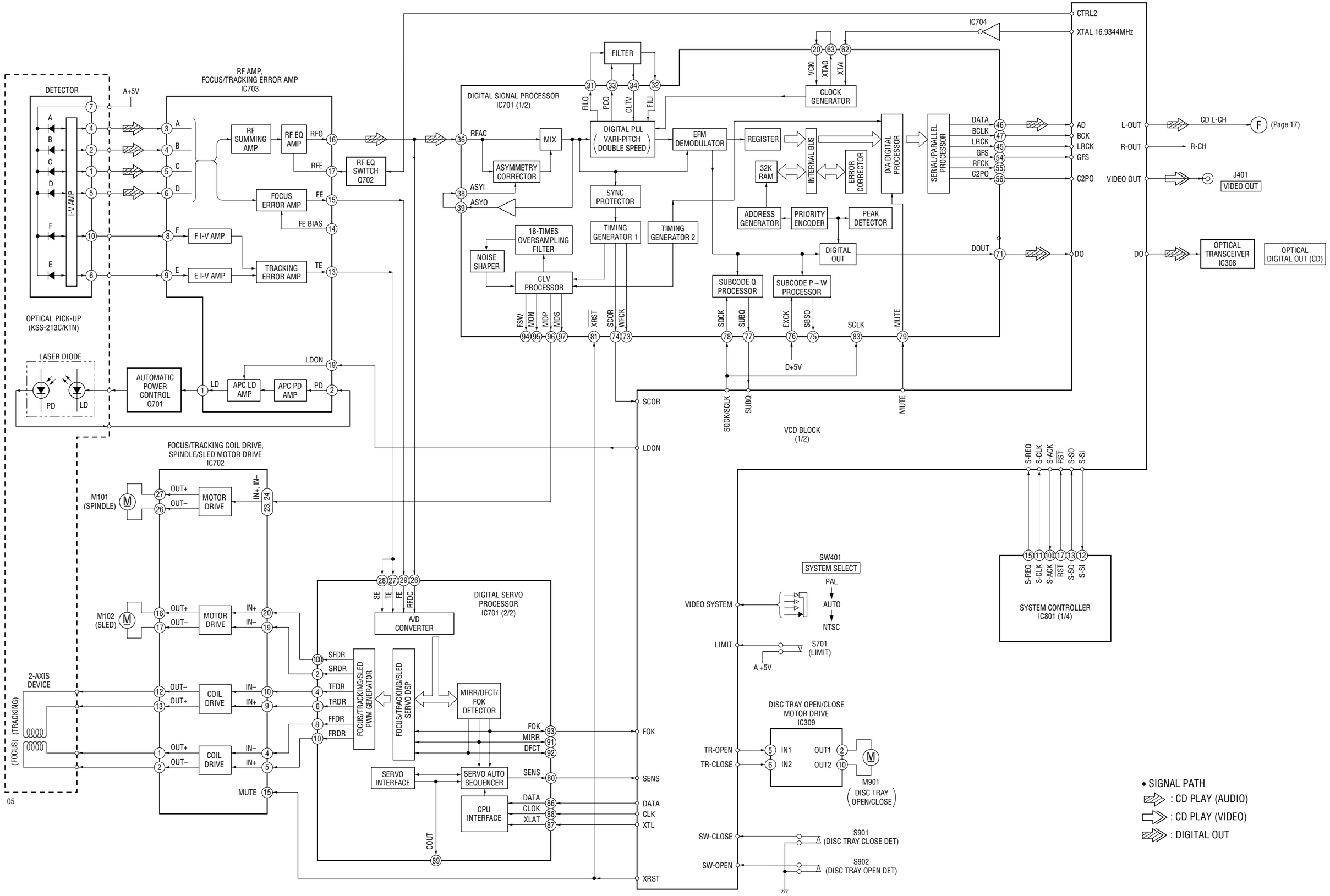
**Connecting Location:**

**– CD Board (Conductor Side) –**

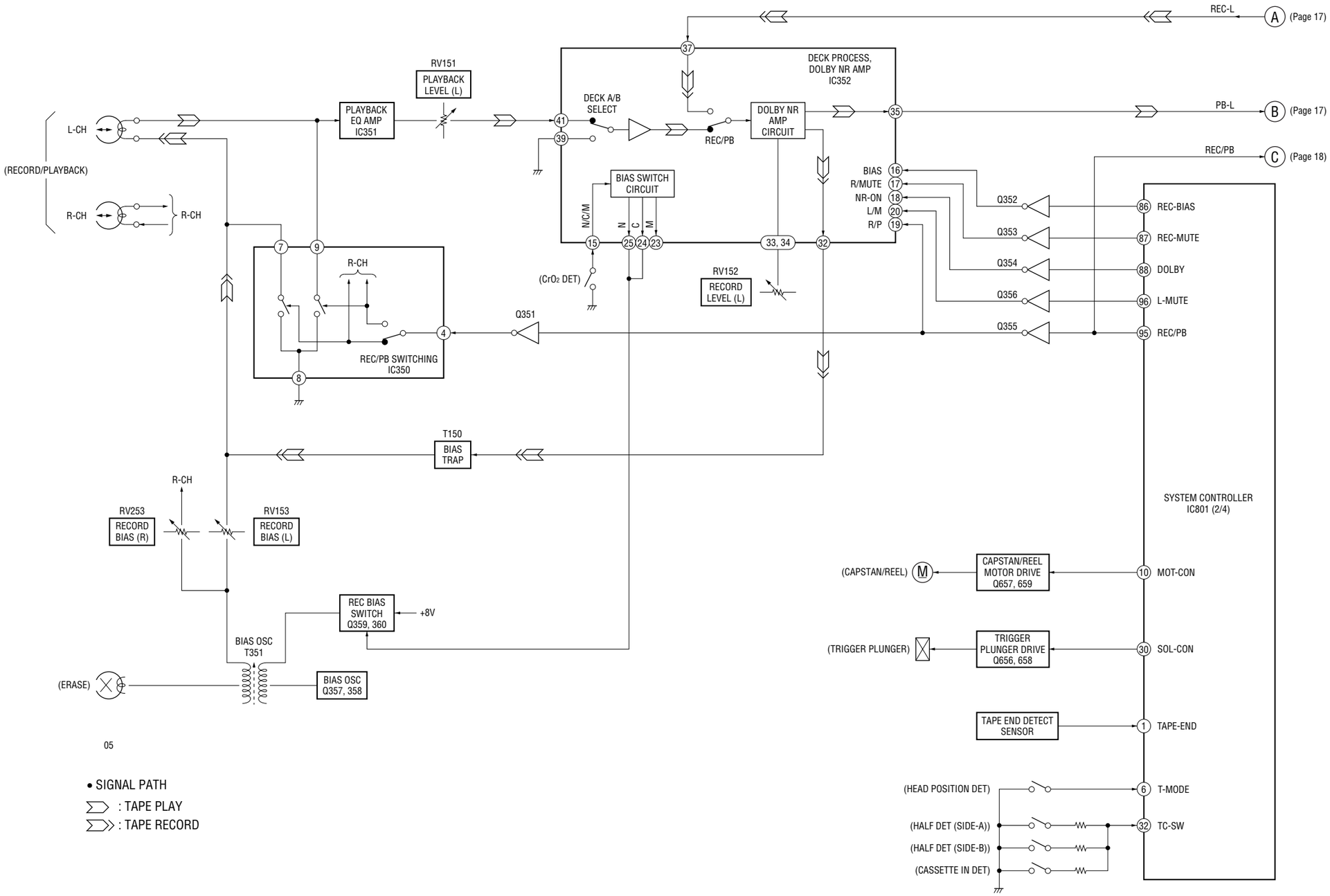


# SECTION 5
# DIAGRAMS

## 5-1. BLOCK DIAGRAM – SERVO Section –



## 5-2. BLOCK DIAGRAM – TAPE Section –

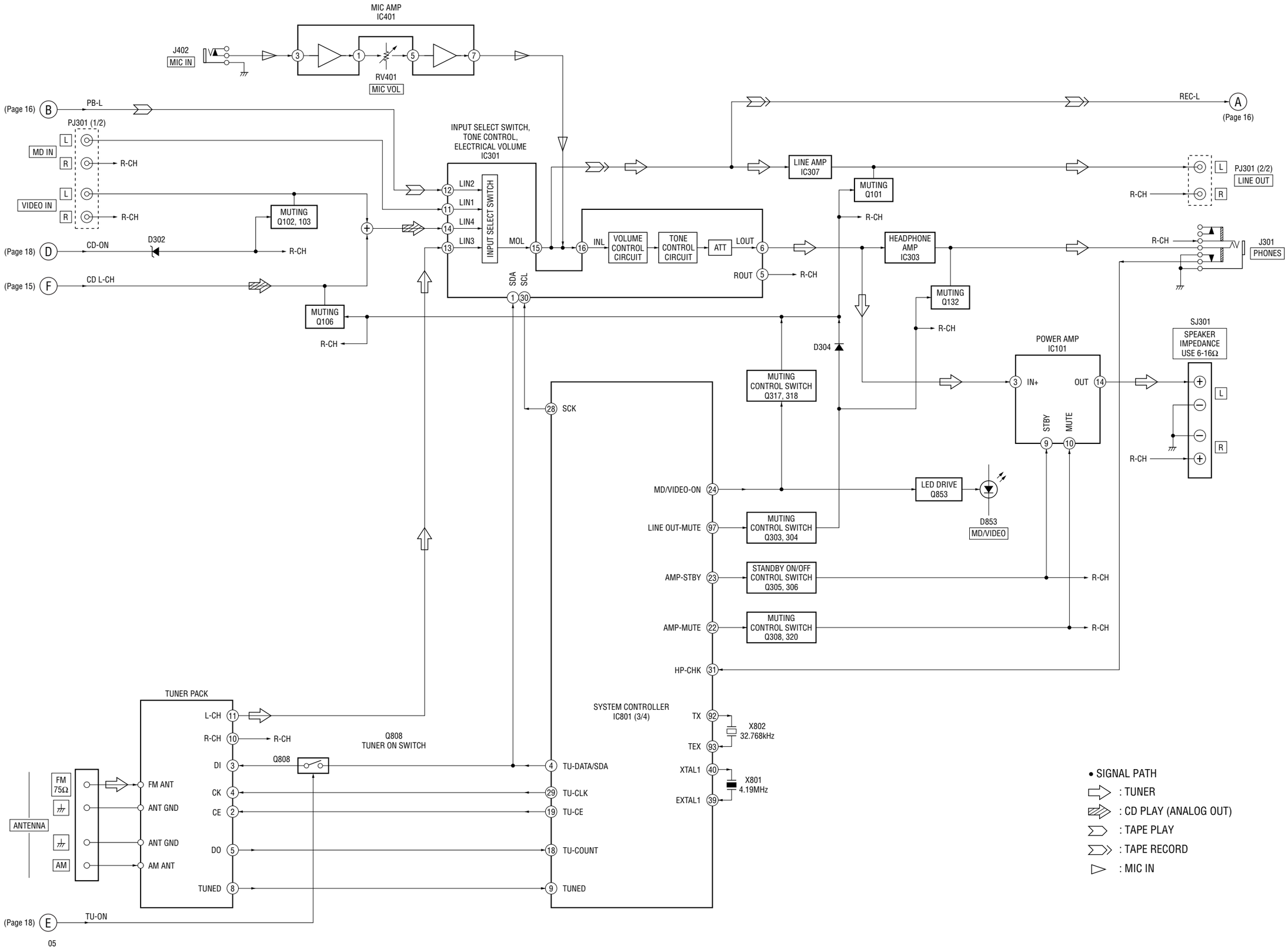



• SIGNAL PATH

: TAPE PLAY

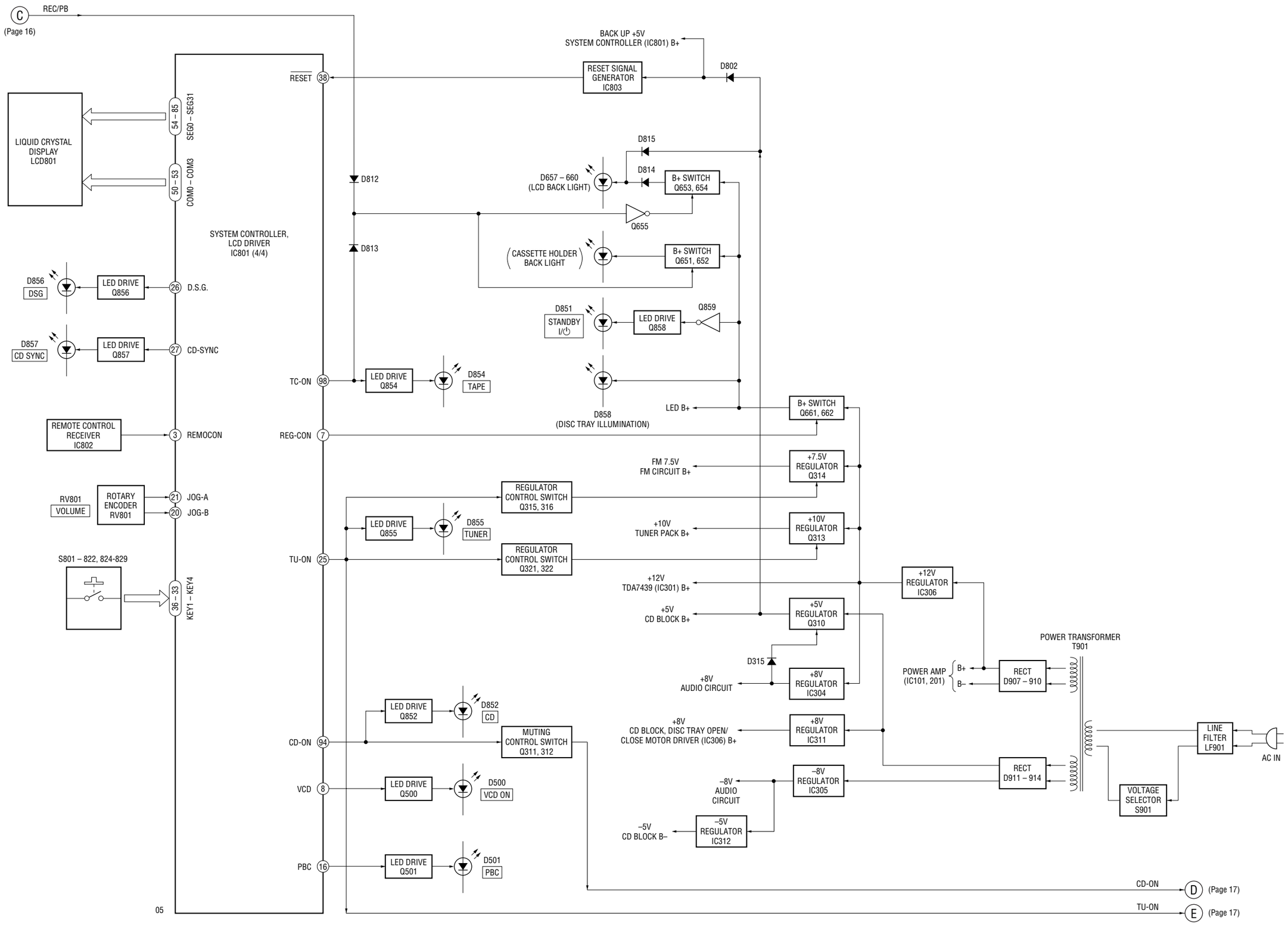
: TAPE RECORD

## 5-3. BLOCK DIAGRAM – MAIN Section –




05

## 5-4. BLOCK DIAGRAM – DISPLAY/POWER SUPPLY Section –



## 5-5. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

**Note on Printed Wiring Boards:**

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ▒▒▒ : Pattern from the side which enables seeing.

**Note on Schematic Diagram:**

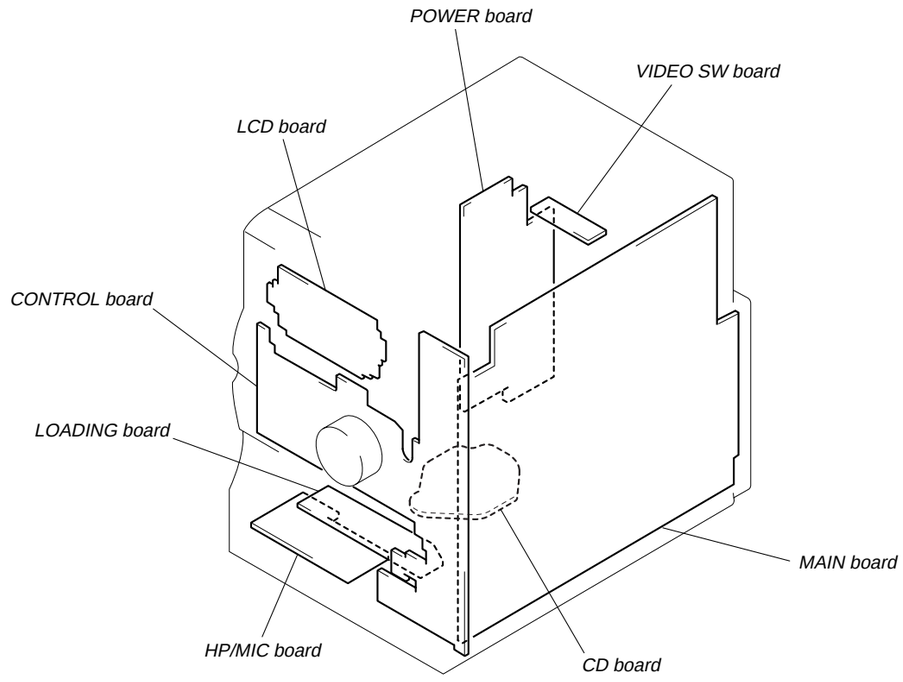
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- : nonflammable resistor.
- : panel designation.

**Note:** The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

- B+ : B+ Line.
- B− : B– Line.
- : adjustment for repair.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - : TUNER
  - : TAPE (PLAY)
  - : TAPE (REC)
  - : CD (AUDIO)
  - : CD (VIDEO)
  - : DIGITAL OUT
  - : MIC IN

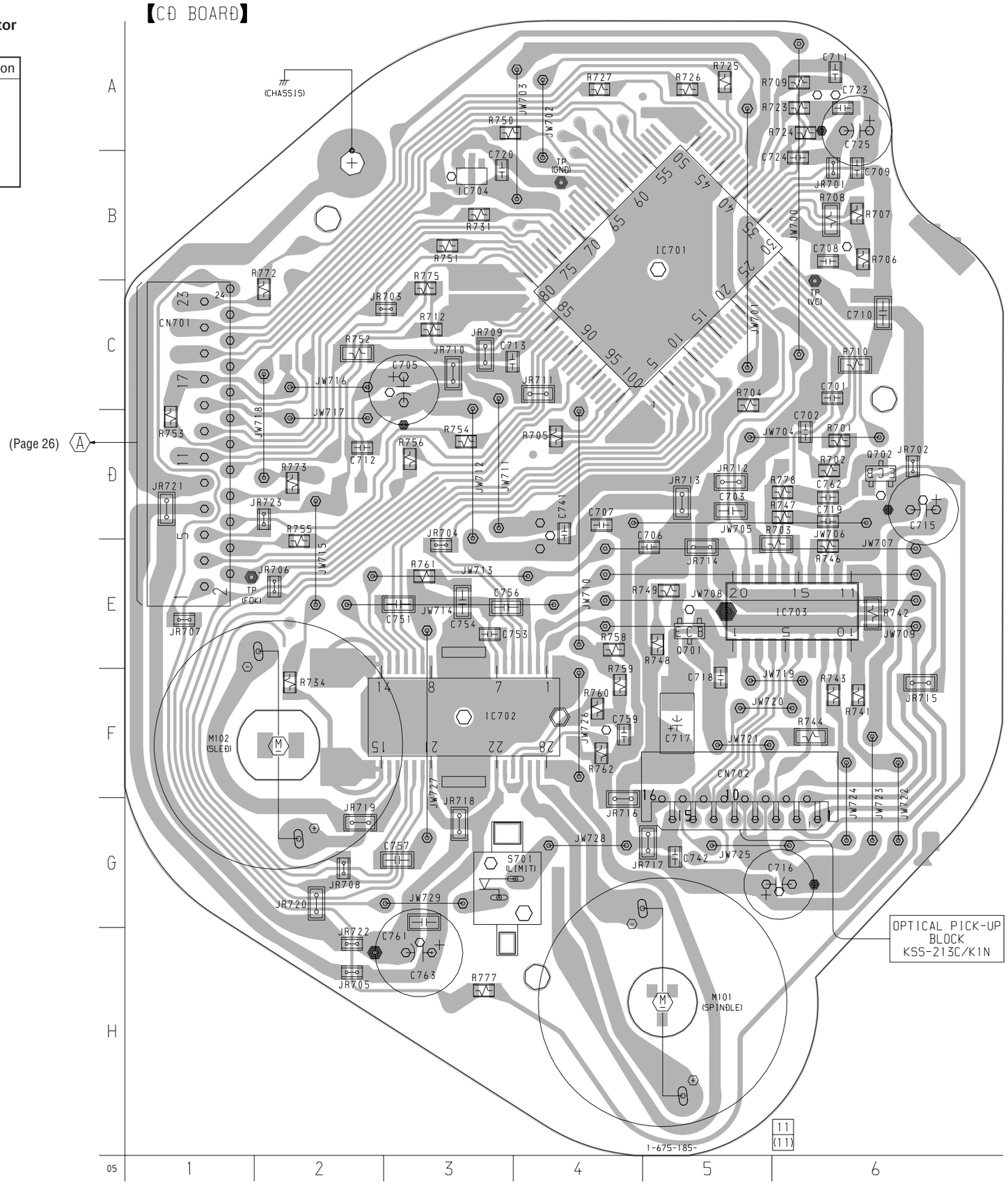
**• Circuit Boards Location**



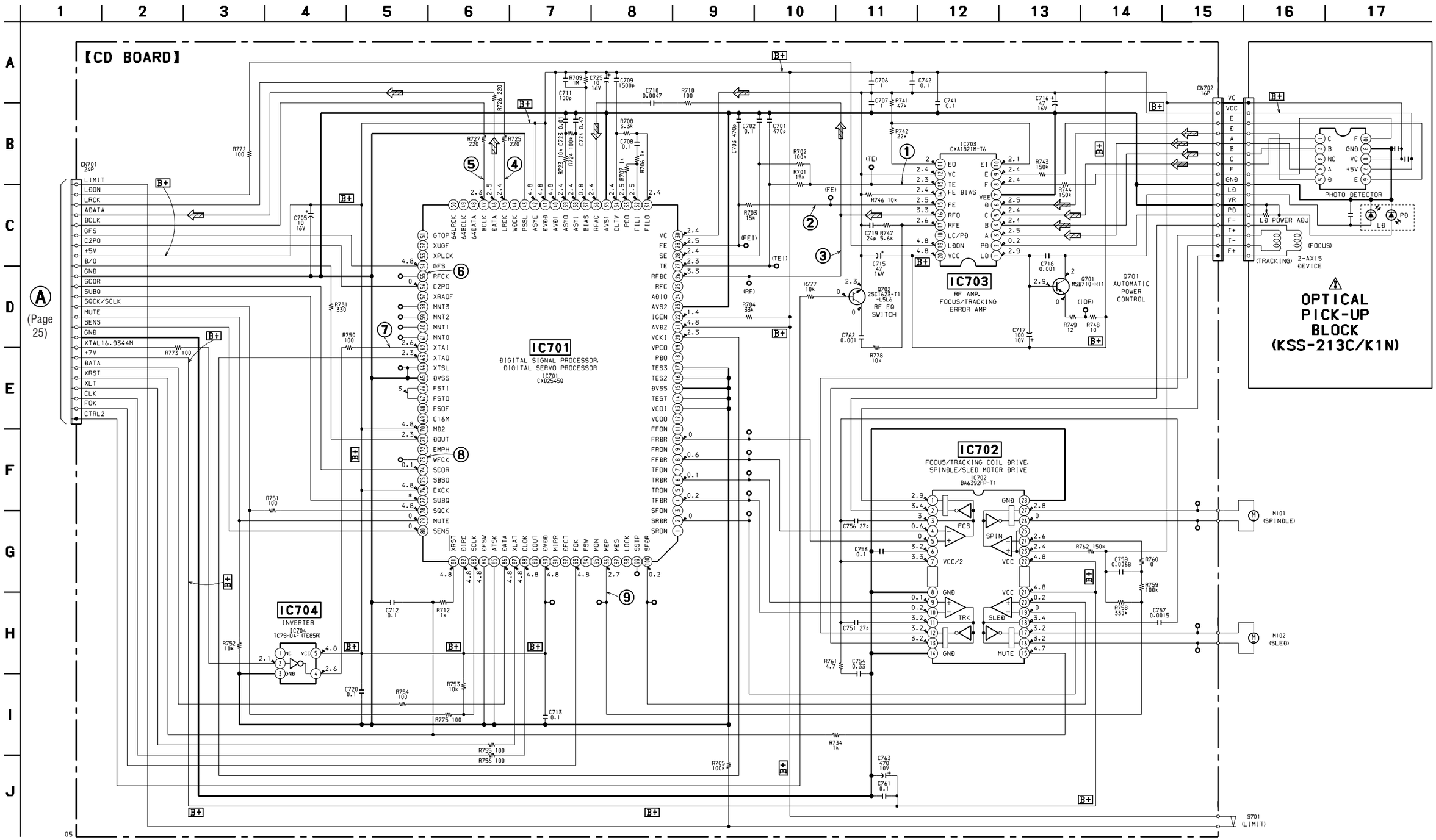
## 5-6. PRINTED WIRING BOARD – CD Board – • See page 19 for Circuit Boards Location.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC701 | B-5 |
| IC702 | F-3 |
| IC703 | E-6 |
| IC704 | B-3 |
| Q701 | E-5 |
| Q702 | D-6 |



## 5-7. SCHEMATIC DIAGRAM – CD Board – • See page 31 for Waveforms. • See page 32 for IC Block Diagrams.



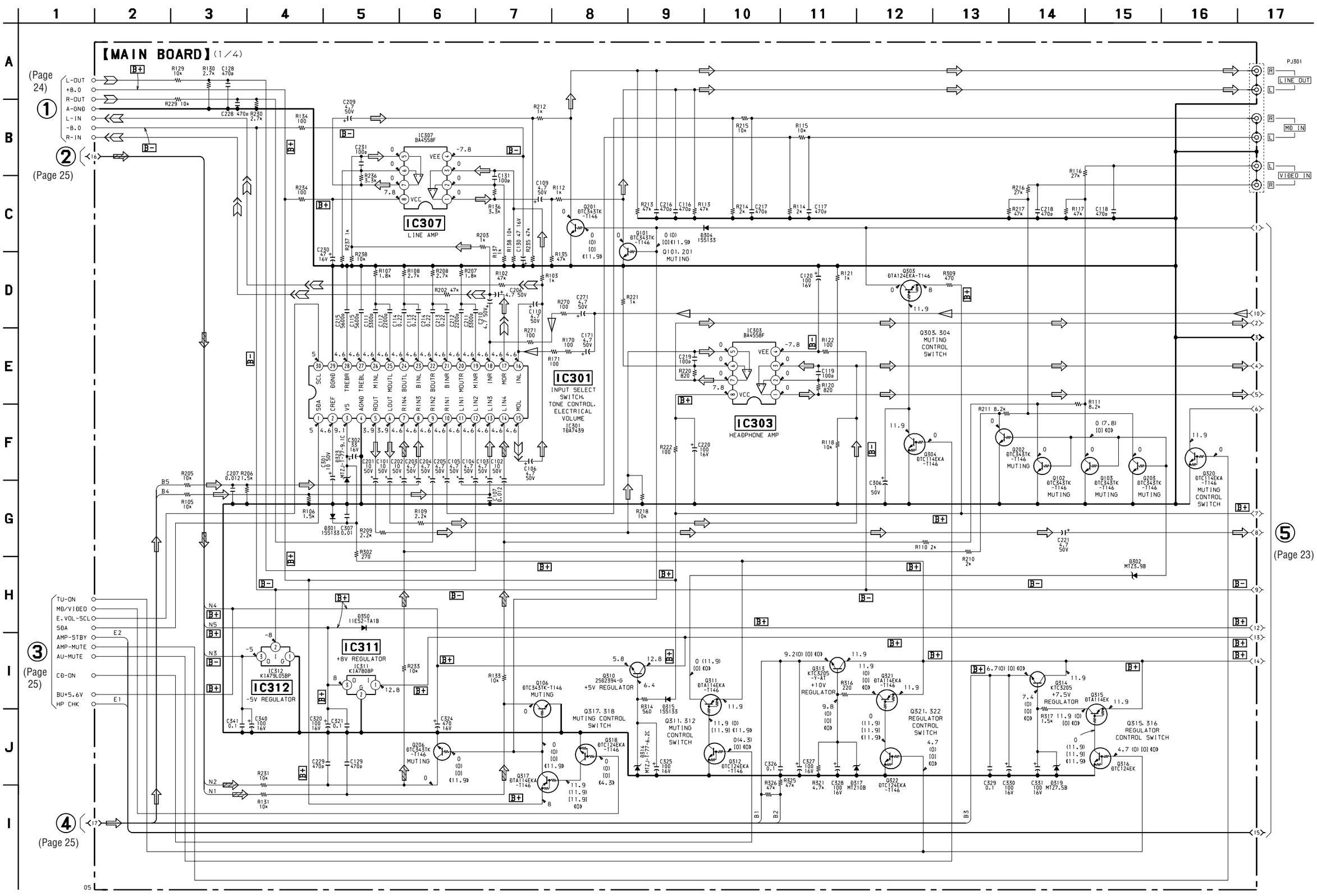

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark : CD PLAY
  ∗ : Impossible to measure

## 5-8. SCHEMATIC DIAGRAM – MAIN Board (1/4) –

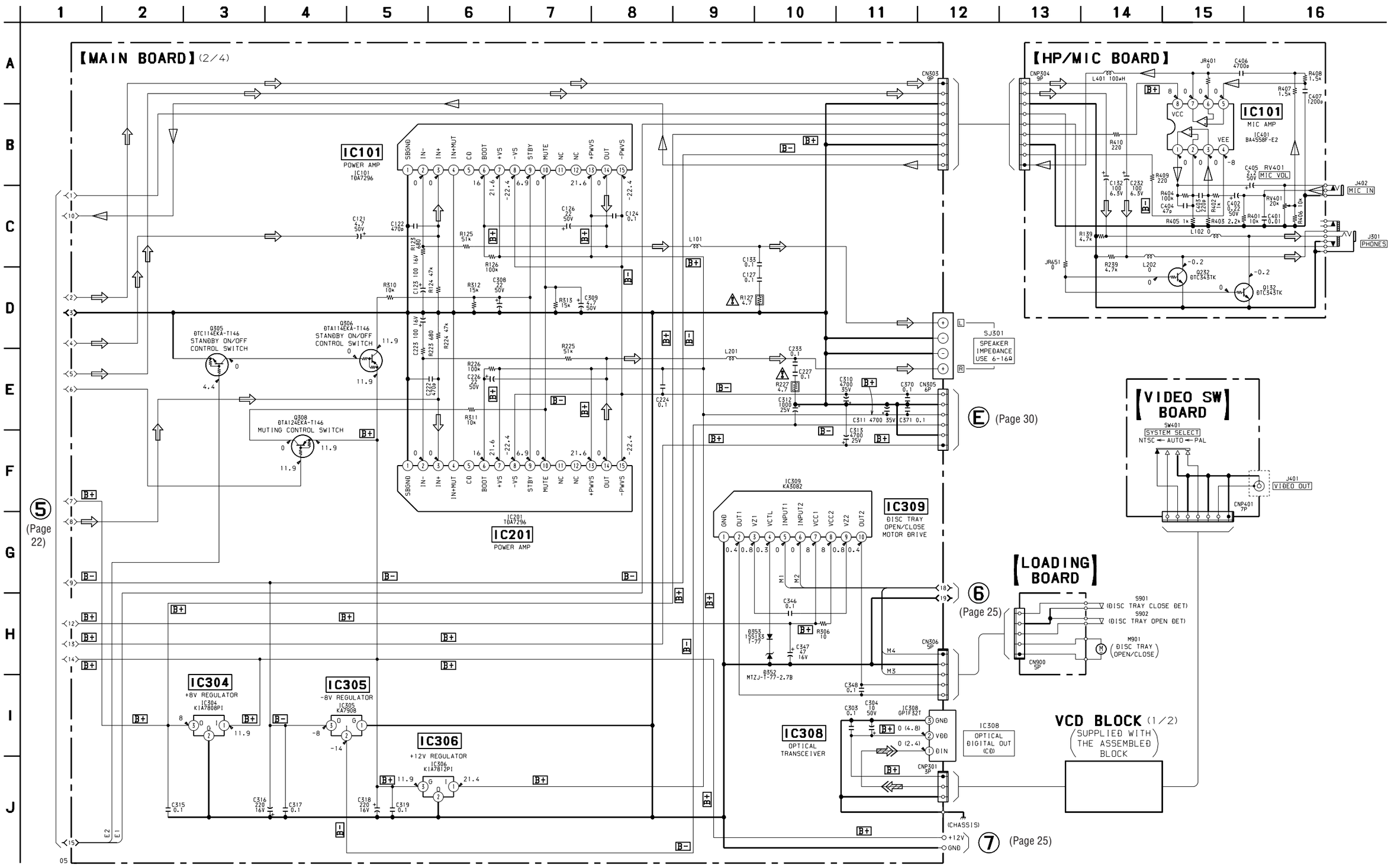
• See page 34 for IC Block Diagram.




- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : CD PLAY
  [ ] : TAPE PLAY
  ⟨⟨ ⟩⟩ : MD/VIDEO

## 5-9. SCHEMATIC DIAGRAM – MAIN Board (2/4), HP/MIC Board, VIDEO SW Board, LOADING Board –

• See page 34 for IC Block Diagrams.

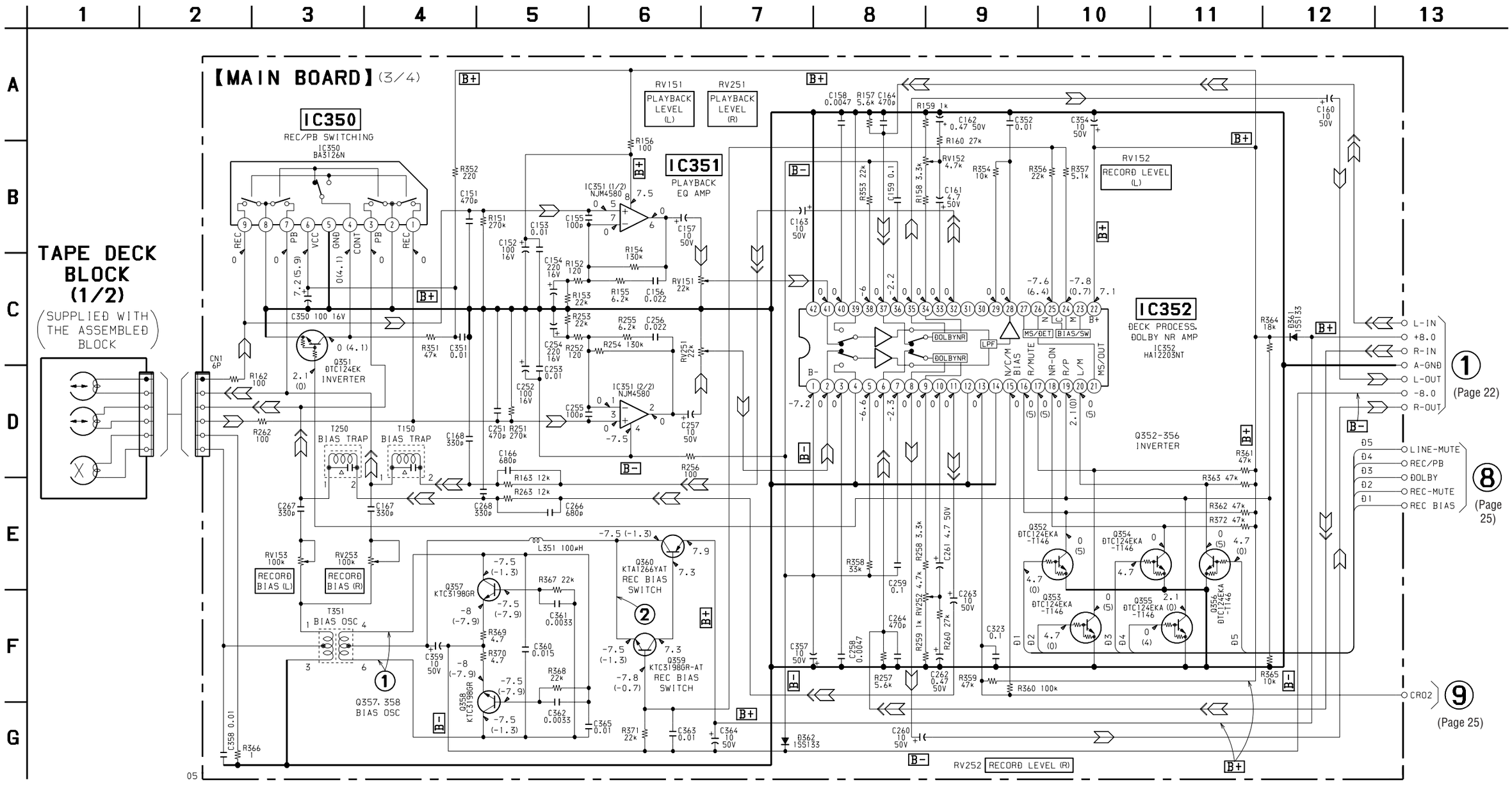



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

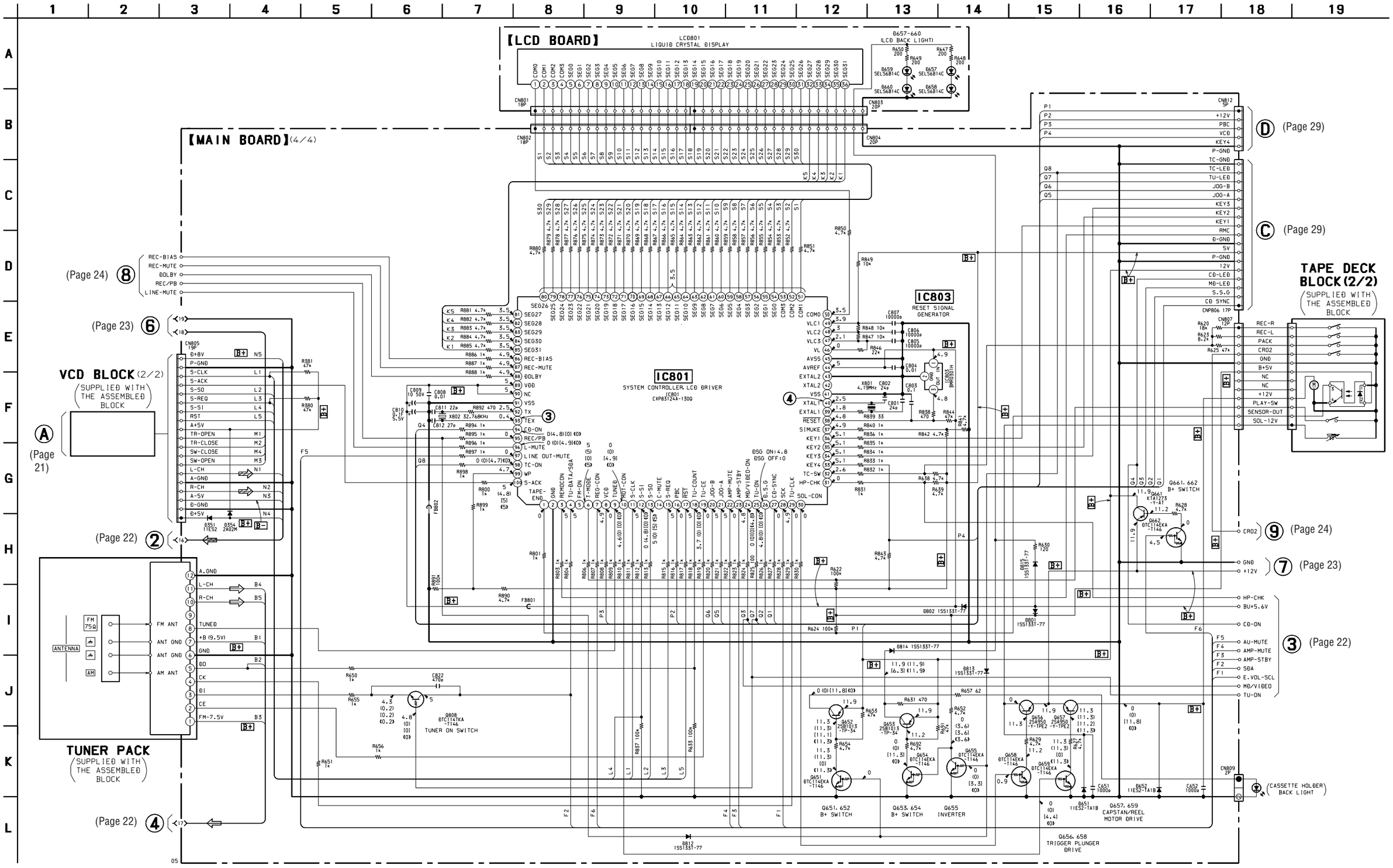
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : CD PLAY
  [ ] : TAPE PLAY
  ⟨⟨ ⟩⟩ : MD/VIDEO

## 5-10. SCHEMATIC DIAGRAM – MAIN Board (3/4) – • See page 31 for Waveforms.

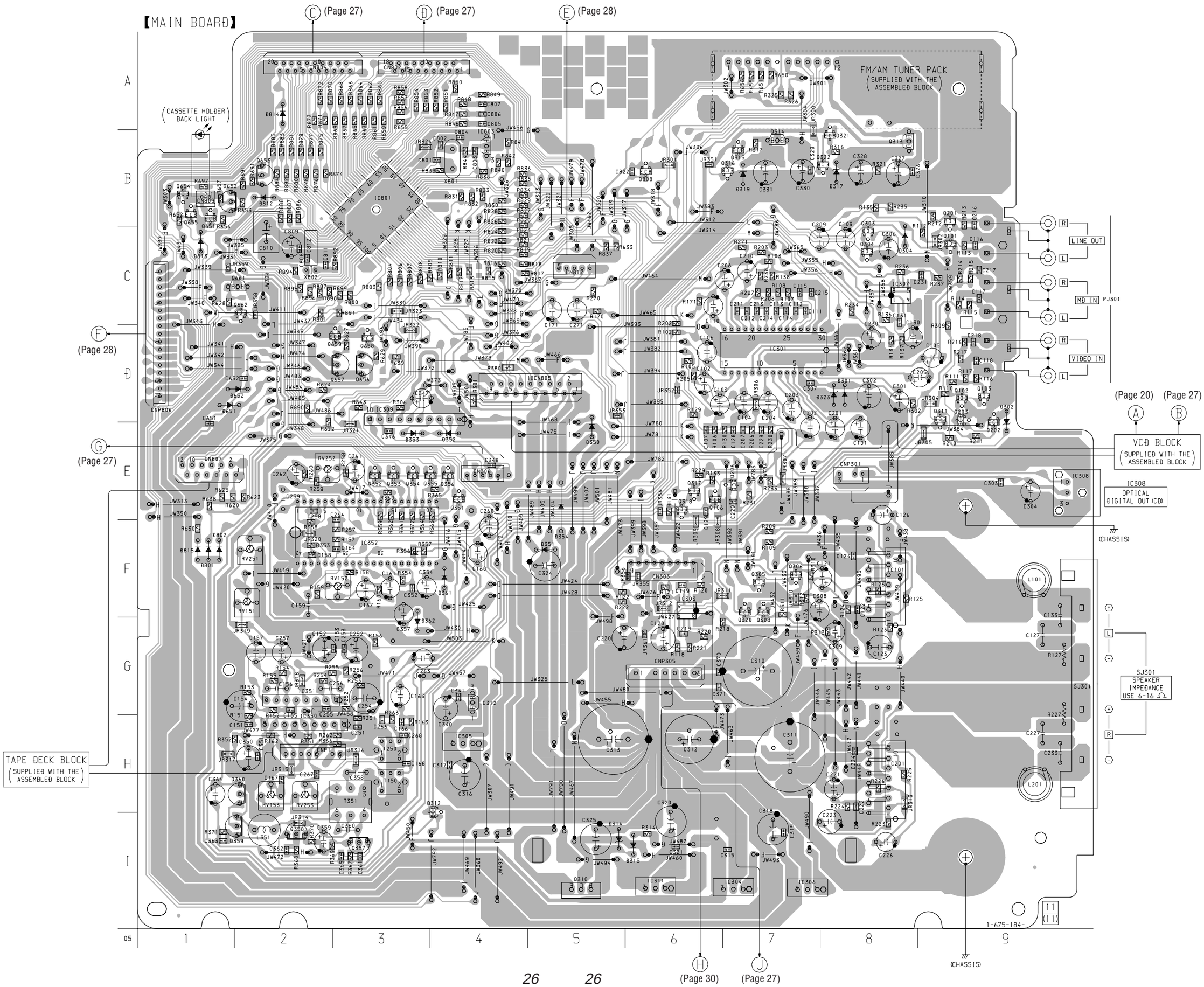



• Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark : TAPE PLAY
( ) : TAPE REC

## 5-11. SCHEMATIC DIAGRAM – MAIN Board (4/4), LCD Board – • See page 31 for Waveforms.



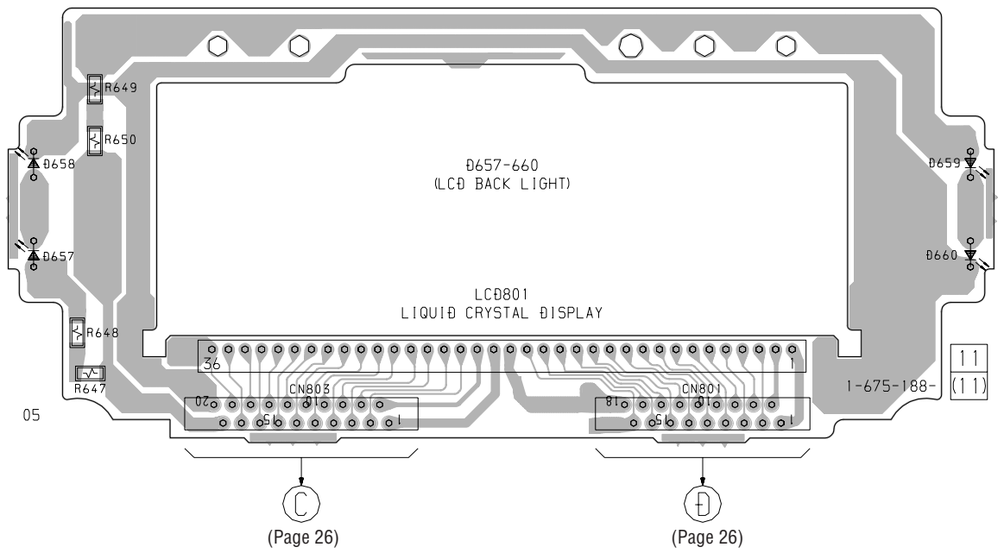
## 5-12. PRINTED WIRING BOARD – MAIN Board – • See page 19 for Circuit Boards Location.



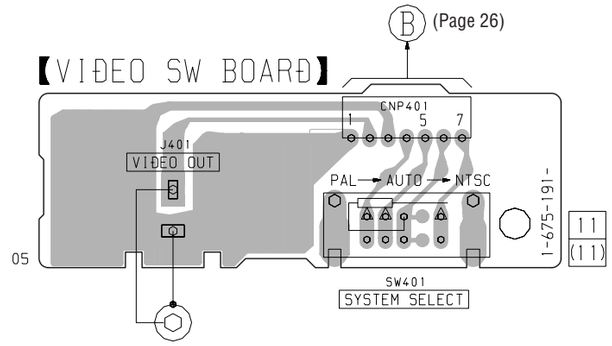
## 5-13. PRINTED WIRING BOARDS – LCD Board, HP/MIC Board, VIDEO SW Board, LOADING Board –

• See page 19 for Circuit Boards Location.

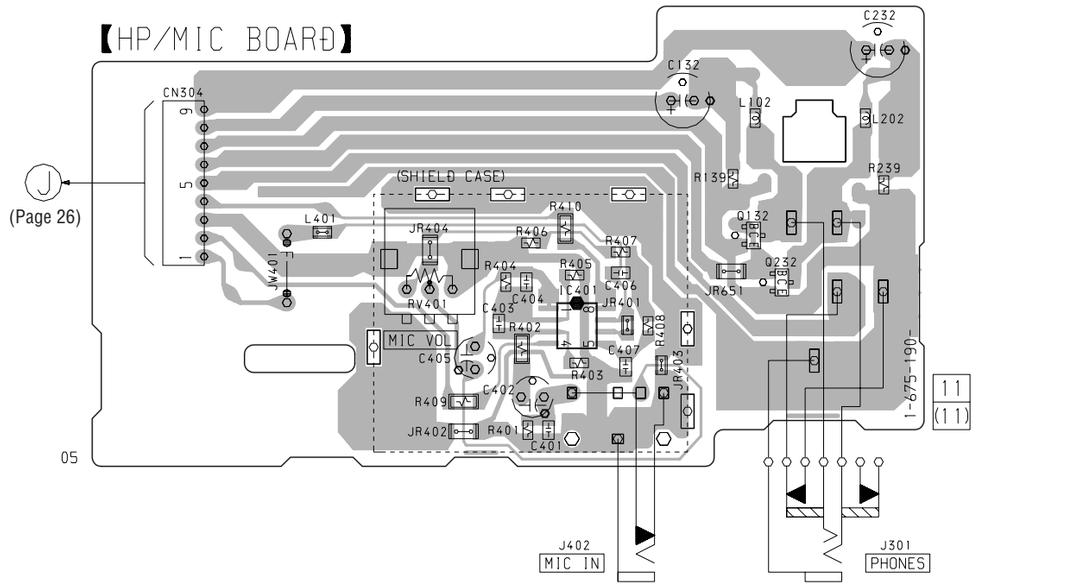
【LCD BOARD】



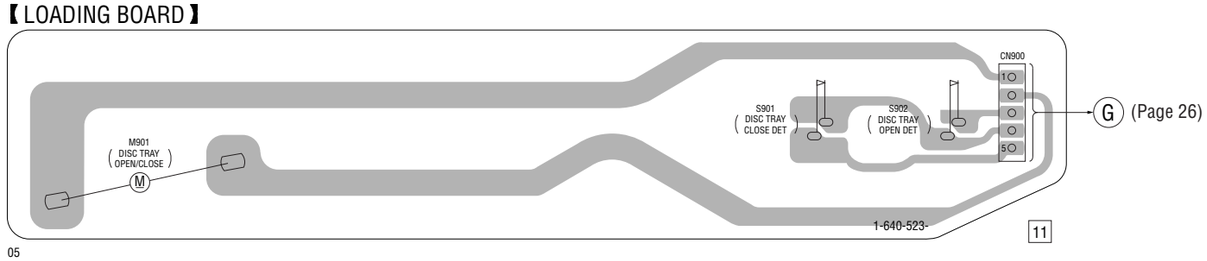

【VIDEO SW BOARD】




【HP/MIC BOARD】




【LOADING BOARD】




• **Semiconductor Location**
**– MAIN Board –**

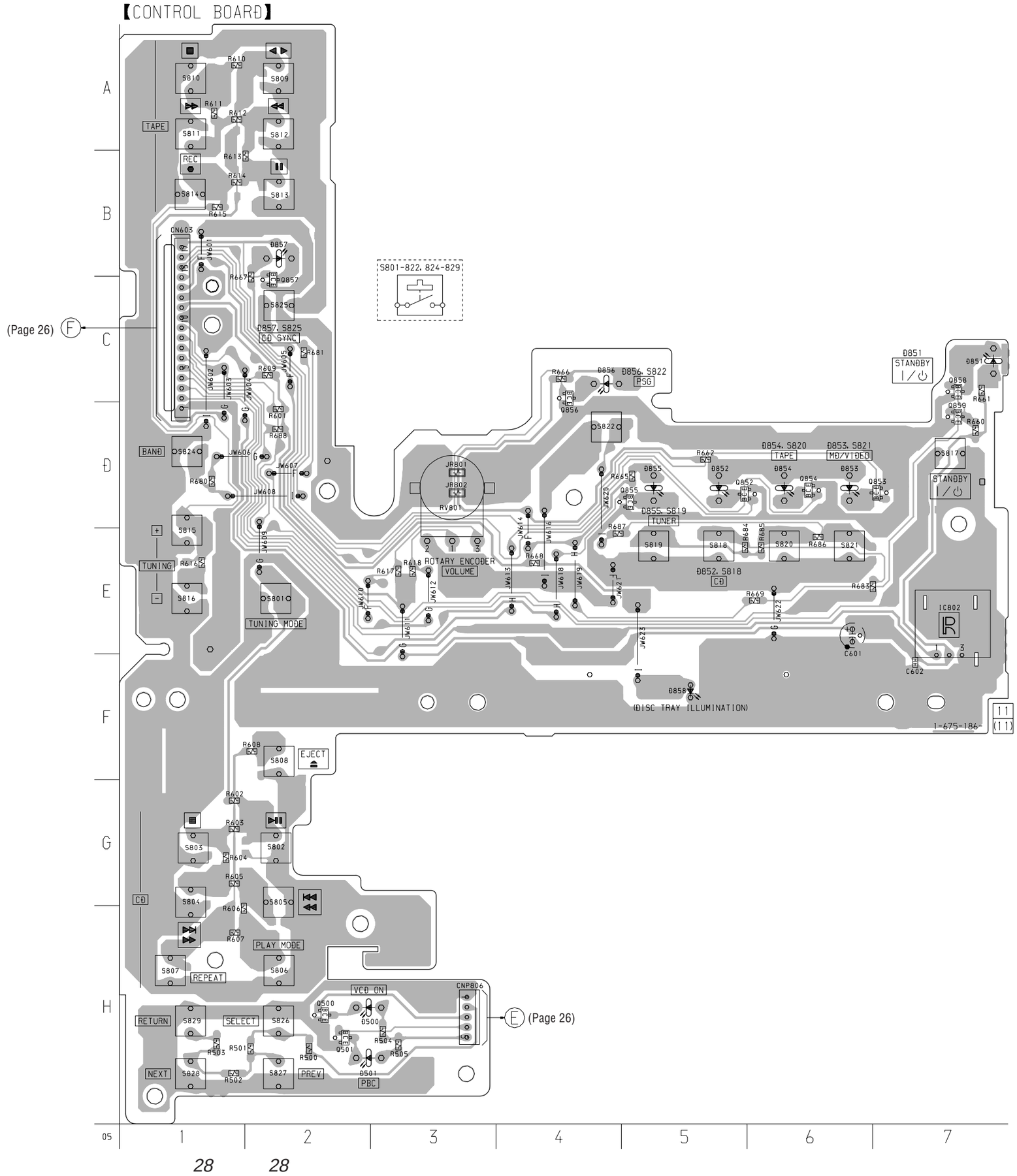
| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D301 | D-8 | Q106 | E-6 |
| D302 | D-9 | Q201 | B-9 |
| D304 | C-8 | Q202 | E-9 |
| D314 | I-5 | Q203 | D-9 |
| D315 | I-6 | Q206 | E-7 |
| D317 | B-8 | Q303 | C-8 |
| D319 | B-7 | Q304 | C-8 |
| D323 | D-8 | Q305 | F-7 |
| D350 | E-5 | Q306 | F-7 |
| D351 | F-5 | Q308 | F-7 |
| D352 | E-4 | Q310 | I-5 |
| D353 | E-3 | Q311 | D-9 |
| D354 | E-5 | Q312 | H-4 |
| D361 | F-4 | Q313 | B-8 |
| D362 | G-3 | Q314 | B-7 |
| D651 | D-1 | Q315 | B-7 |
| D652 | D-2 | Q316 | B-7 |
| D801 | F-1 | Q317 | E-6 |
| D802 | F-1 | Q318 | E-6 |
| D812 | B-2 | Q320 | F-7 |
| D813 | C-1 | Q321 | B-8 |
| D814 | A-2 | Q322 | B-8 |
| D815 | F-1 | Q351 | E-4 |
| | | Q352 | E-3 |
| IC101 | F-8 | Q353 | E-3 |
| IC201 | H-8 | Q354 | E-3 |
| IC301 | D-7 | Q355 | E-4 |
| IC303 | F-6 | Q356 | E-4 |
| IC304 | I-7 | Q357 | I-3 |
| IC305 | H-4 | Q358 | I-2 |
| IC306 | I-7 | Q359 | I-1 |
| IC307 | C-8 | Q360 | H-2 |
| IC308 | E-9 | Q651 | B-1 |
| IC309 | D-3 | Q652 | B-1 |
| IC311 | I-6 | Q653 | B-2 |
| IC312 | G-4 | Q654 | B-1 |
| IC350 | H-2 | Q655 | B-1 |
| IC351 | G-2 | Q656 | D-3 |
| IC352 | F-3 | Q657 | D-3 |
| IC801 | B-3 | Q658 | D-3 |
| IC803 | B-4 | Q659 | D-3 |
| | | Q661 | C-2 |
| Q101 | C-9 | Q662 | C-2 |
| Q102 | D-9 | Q808 | B-6 |
| Q103 | D-9 | | |

## 5-14. PRINTED WIRING BOARD – CONTROL Board –

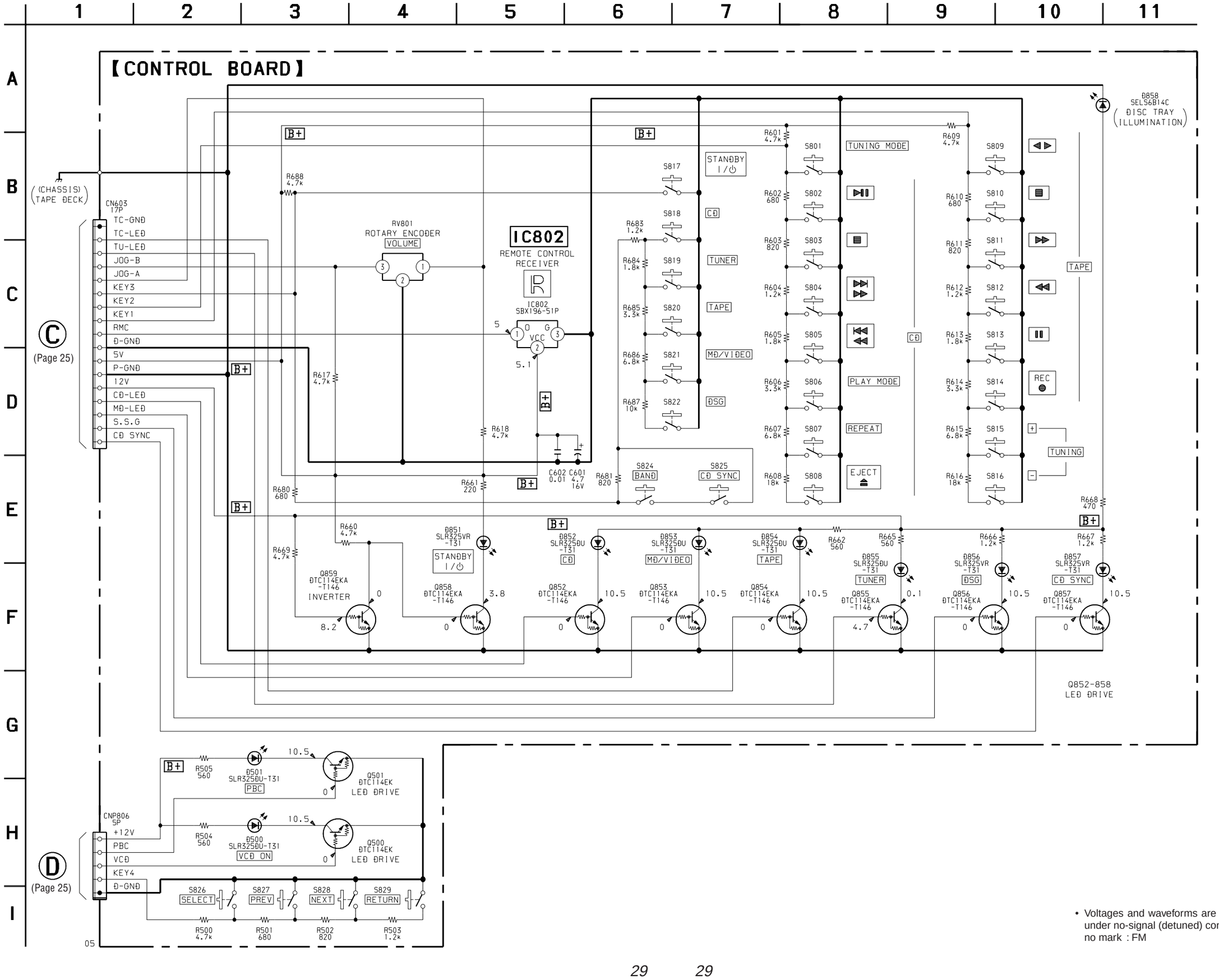
• See page 19 for Circuit Boards Location.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D500 | H-2 |
| D501 | H-2 |
| D851 | C-7 |
| D852 | D-5 |
| D853 | D-6 |
| D854 | D-6 |
| D855 | D-5 |
| D856 | C-4 |
| D857 | B-2 |
| D858 | F-5 |
| IC802 | E-7 |
| Q500 | H-2 |
| Q501 | H-2 |
| Q852 | D-5 |
| Q853 | D-7 |
| Q854 | D-6 |
| Q855 | D-5 |
| Q856 | C-4 |
| Q857 | C-2 |
| Q858 | C-7 |
| Q859 | D-7 |



## 5-15. SCHEMATIC DIAGRAM – CONTROL Board –



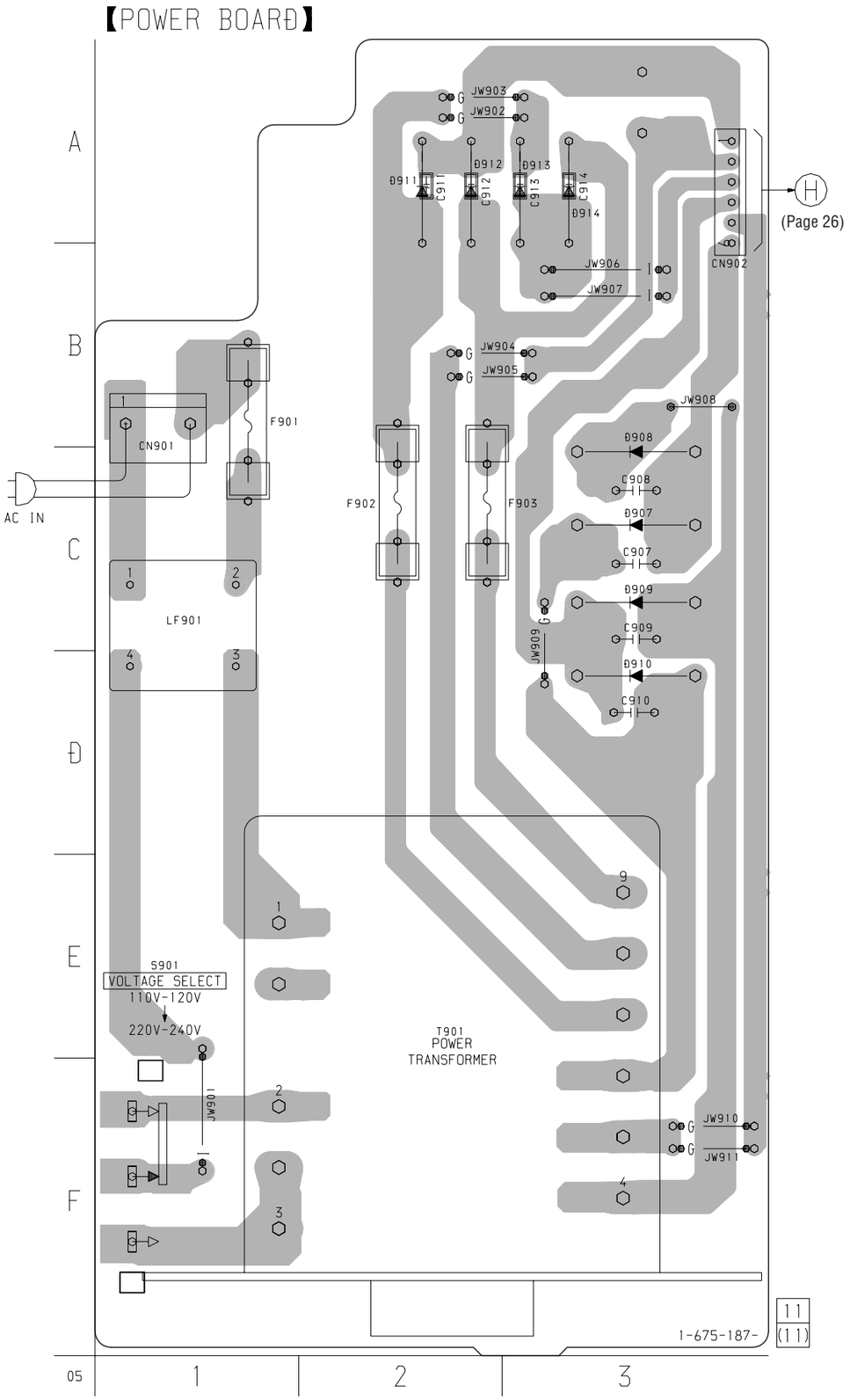

- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM

## 5-16. PRINTED WIRING BOARD – POWER Board –

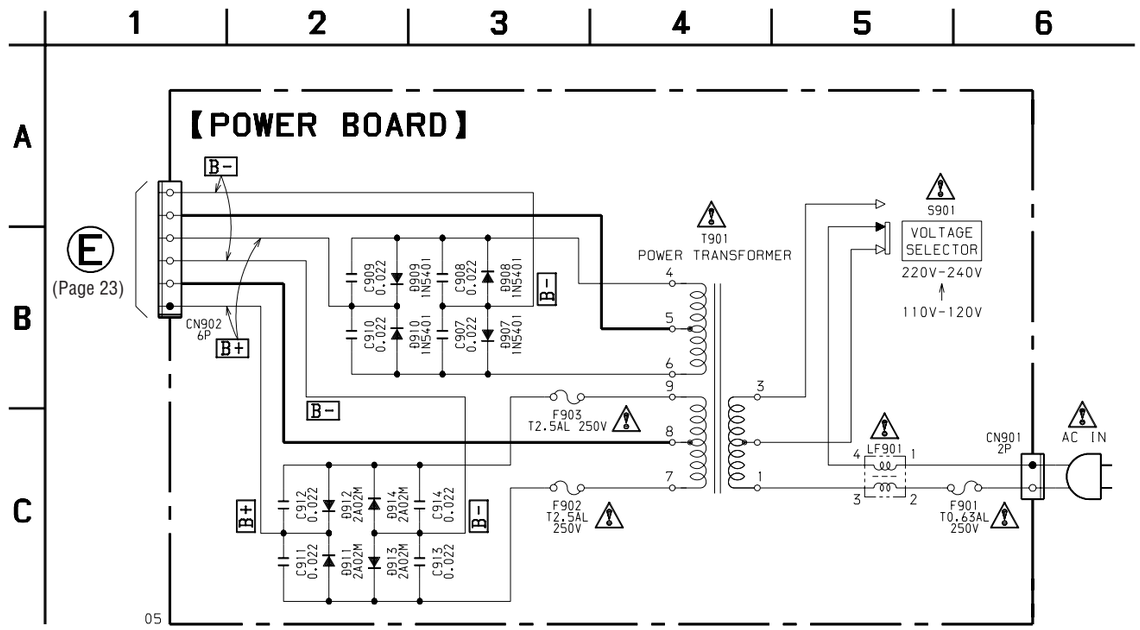
• See page 19 for Circuit Boards Location.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D907 | C-3 |
| D908 | C-3 |
| D909 | C-3 |
| D910 | D-3 |
| D911 | A-2 |
| D912 | A-2 |
| D913 | A-3 |
| D914 | A-3 |




## 5-17. SCHEMATIC DIAGRAM – POWER Board –



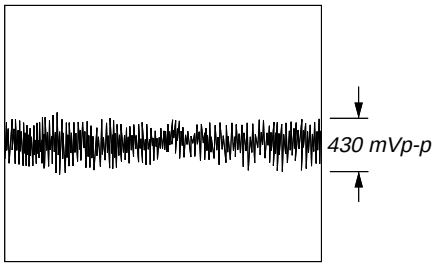

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

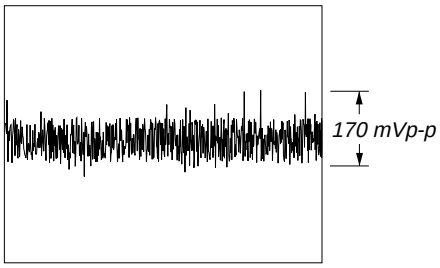
• **Waveforms**

**– CD Board –**

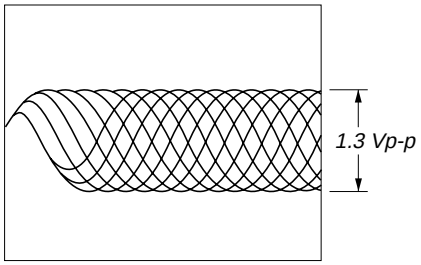
❶ IC703 ⑬ (TE) (CD play mode)



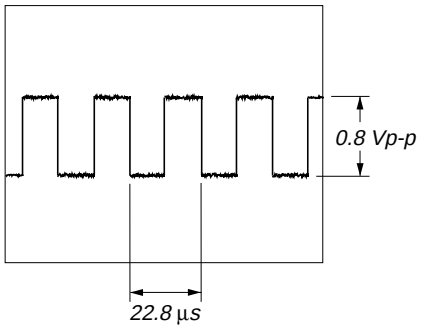

❷ IC703 ⑮ (FE) (CD play mode)



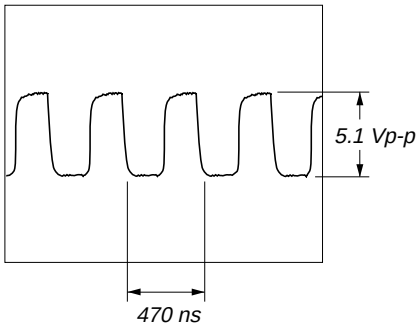

❸ IC703 ⑯ (RFO) (CD play mode)



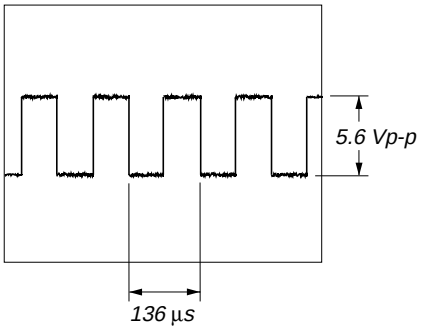

❹ IC701 ㊺ (LRCK)



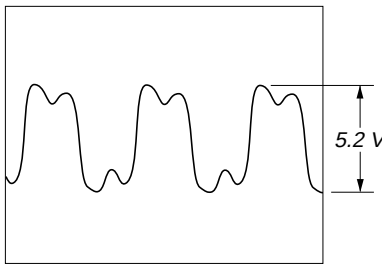

❺ IC701 ㊼ (BCLK)



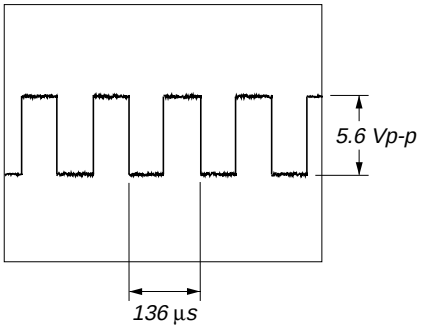

❻ IC701 ㊺ (RFCK)



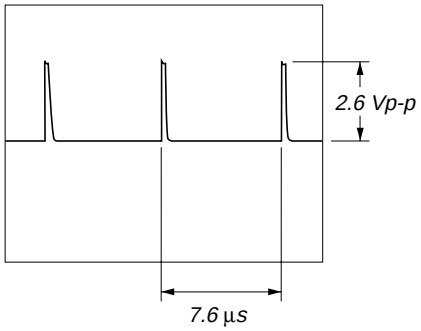

❼ IC701 ㊷ (XTAI)




❽ IC701 ㊸ (WFCK)

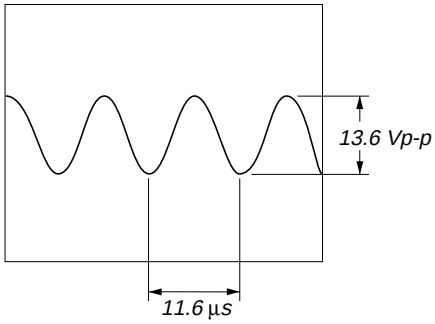



❾ IC701 ㊻ (MDP) (CD play mode)

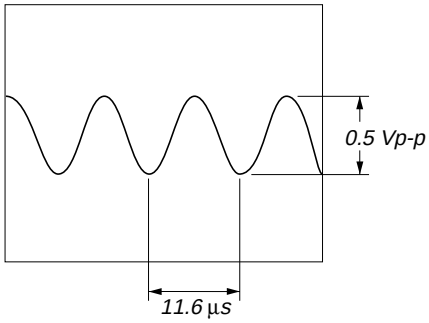



**– MAIN Board –**

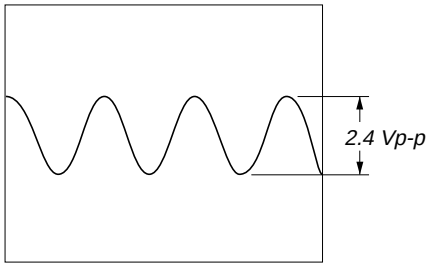
❶ Q357, 358 collector (REC mode)



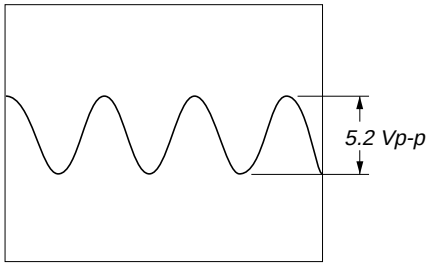

❷ Q360 collector (REC mode)




❸ IC801 ㊸ (TEX)

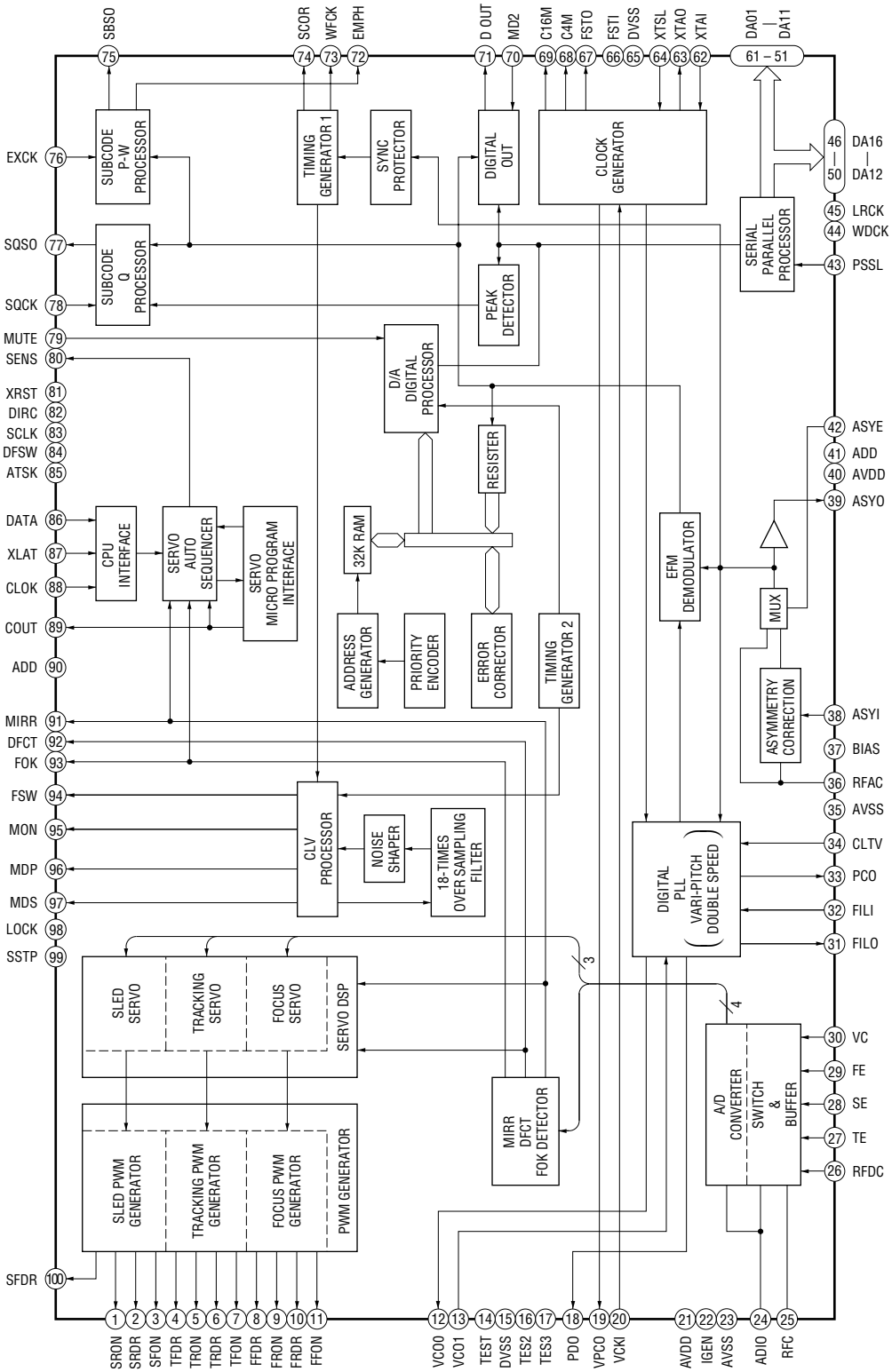



❹ IC801 ㊵ (XTAL1)

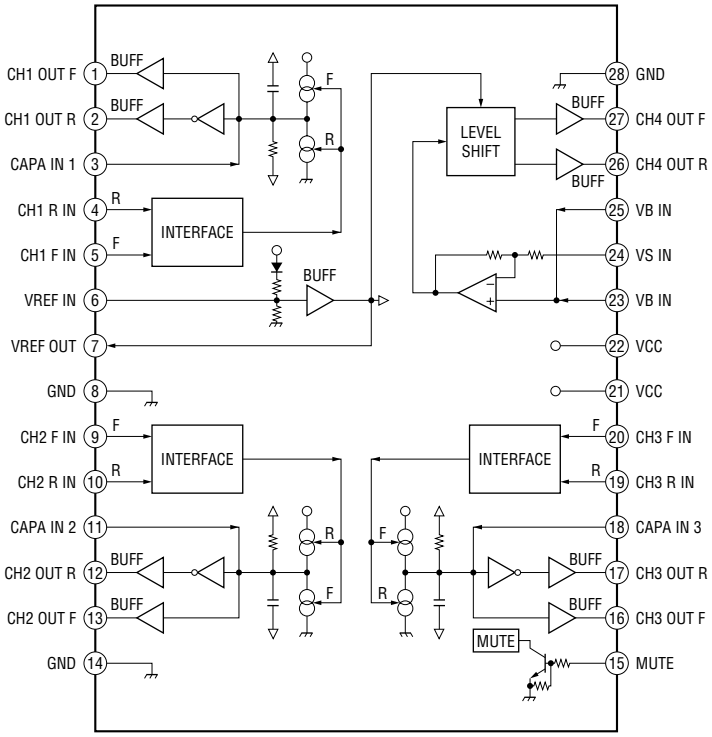


**• IC Block Diagrams**
**– CD Board –**

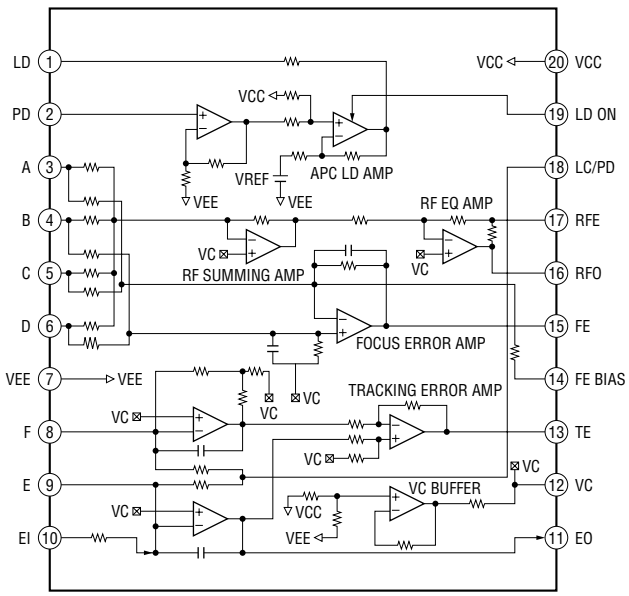
**IC701 CXD2545Q**



**IC702 BA6392FP-E2**

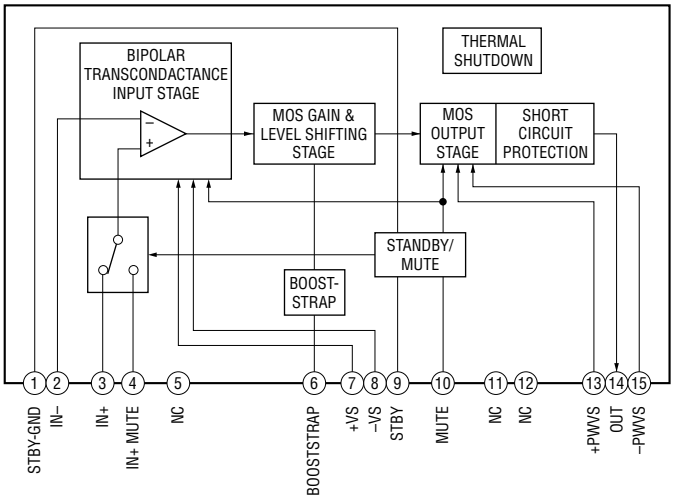



**IC703 CXA1821M-T6**

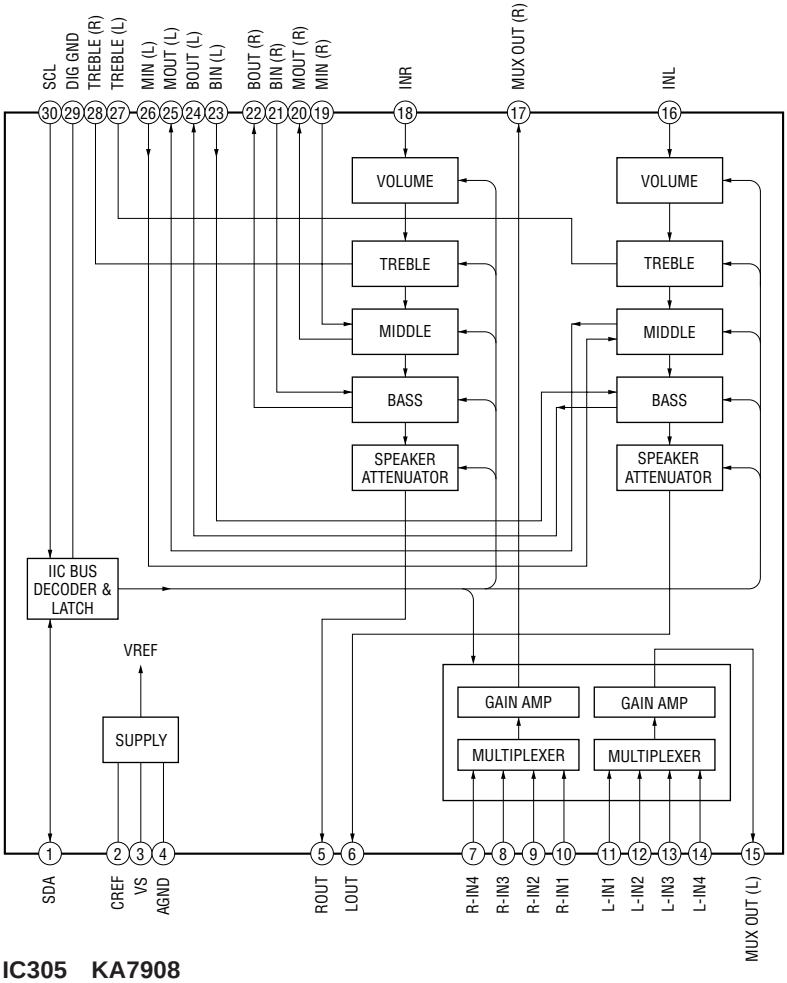


**– MAIN Board –**

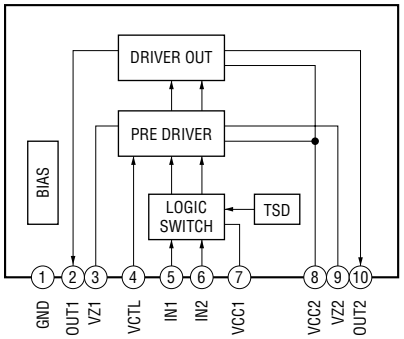
**IC101, 201 TDA7296**




**IC301 TDA7439**




**IC305 KA7908**



## 5-18. IC PIN FUNCTION DESCRIPTION

**• MAIN BOARD IC801 CXP83120A-132Q (SYSTEM CONTROLLER, LCD DRIVER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | TAPE-END | I | Tape end detect sensor input terminal "H" input when the tape end detected |
| 2 | GND | — | Ground terminal |
| 3 | REMOCON | I | Sircs remote control signal input from the remote control receiver (IC802) |
| 4 | TU-DATA/SDA | O | PLL serial data output to PLL IC on the tuner pack (at tuner function)<br>$I^2C$ data output to the TDA7439 (IC301) (all functions) |
| 5 | NC | — | Not used (open) |
| 6 | T-MODE | I | Head position detect switch input terminal "L": forward direction, "H": reverse direction |
| 7 | REG-CON | O | Main system power supply on/off control signal output terminal "H": power on |
| 8 | VCD | O | LED drive signal output of the VCD ON indicator (D500) "H": LED on |
| 9 | TUNED | I | Tuning detection signal input from the tuner pack "L": tuned |
| 10 | MOT-CON | O | Capstan/reel motor on/off control signal output terminal "H": motor on |
| 11 | S-CLK | O | Serial data transfer clock signal output to the VCD block (at CD function) |
| 12 | S-SI | I | Serial data input from the VCD block (at CD function) |
| 13 | S-SO | O | Serial data output to the VCD block (at CD function) |
| 14 | CD-MUTE | O | Not used (open) |
| 15 | S-REQ | O | Interrupt status output to the VCD block |
| 16 | PBC | O | LED drive signal output of the PBC indicator (D501) "H": LED on |
| 17 | $\overline{\text{RST}}$ | O | Reset signal output to the VCD block "L": reset |
| 18 | TU-COUNT | I | PLL count data input from PLL IC on the tuner pack (at tuner function) |
| 19 | TU-CE | O | PLL serial chip enable signal output to PLL IC on the tuner pack (at tuner function) |
| 20 | JOG-B | I | Jog dial pulse input from the rotary encoder (RV801 VOLUME) (B phase input) |
| 21 | JOG-A | I | Jog dial pulse input from the rotary encoder (RV801 VOLUME) (A phase input) |
| 22 | AMP-MUTE | O | Muting on/off control signal output to the power amplifier (IC101, 201)<br>"H": muting on |
| 23 | AMP-STBY | O | Standby on/off control signal output to the power amplifier (IC101, 201)<br>"L": standby mode |
| 24 | MD/VIDEO-ON | O | MD/VIDEO function control signal output terminal<br>"H": MD/VIDEO ("L" output when other functions) |
| 25 | TU-ON | O | Power supply on/off control signal output of the tuner pack (TU +10V and FM +7.5V)<br>LED drive signal output of the TUNER indicator (D855) "H": tuner power on (LED on) |
| 26 | D.S.G. | O | LED drive signal output of the DSG (Dynamic Sound Generator) indicator (D856)<br>"H": LED on |
| 27 | CD-SYNC | O | LED drive signal output of the CD SYNC indicator (D857) "H": LED on |
| 28 | SCK | O | Serial data transfer clock signal output to the TDA7439 (IC301) |
| 29 | TU-CLK | O | PLL serial data transfer clock signal output to PLL IC on the tuner pack (at tuner function) |
| 30 | SOL-CON | O | Trigger plunger on/off control signal output terminal "H": plunger on |
| 31 | HP-CHK | I | Headphone check detection signal input terminal |
| 32 | TC-SW | I | Half detect (side A and B) switch and cassette in detect switch input terminal (A/D input) |
| 33 | KEY4 | I | Key input terminal (A/D input) S826 to S829 (SELECT, PREV, NEXT, RETURN keys input) |
| 34 | KEY3 | I | Key input terminal (A/D input) S817 to S822, S824 and S825 (STANDBY I/⏻, CD, TUNER, TAPE, MD/VIDEO, DSG, TUNER BAND, CD SYNC keys input) |
| 35 | KEY2 | I | Key input terminal (A/D input) S801 to S808 (TUNING MODE, CD ▶II/■/▶▶I/I◀◀, PLAY MODE, REPEAT, CD EJECT ⏏ keys input) |
| 36 | KEY1 | I | Key input terminal (A/D input)<br>S809 to S816 (TAPE ◀◀ ▶▶/■/▶▶/◀◀/II, REC ●, TUNING +/– keys input) |
| 37 | SIMUKE | I | Destination setting terminal (A/D input) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 38 | $\overline{\text{RESET}}$ | I | System reset signal input from the reset signal generator (IC803) "L": reset<br>For several hundreds msec. after the power supply rises, "L" is input, then it changes to "H" |
| 39 | EXTAL1 | I | Main system clock input terminal (4.19 MHz) |
| 40 | XTAL1 | O | Main system clock output terminal (4.19 MHz) |
| 41 | VSS | — | Ground terminal |
| 42 | XTAL2 | O | Sub system clock output terminal (500 kHz) Not used (open) |
| 43 | EXTAL2 | I | Sub system clock input terminal (500 kHz) Not used (fixed at "L") |
| 44 | AVREF | I | Reference voltage (+5V) input terminal (for A/D conversion) |
| 45 | AVSS | — | Ground terminal (for A/D conversion) |
| 46 | VL | O | Liquid crystal display bias on/off control signal output terminal |
| 47 to 49 | VLC3 to VLC1 | — | Power supply terminal for the liquid crystal display bias |
| 50 to 53 | COM0 to COM3 | O | Common drive signal output to the liquid crystal display (LCD801) |
| 54 to 85 | SEG0 to SEG31 | O | Segment drive signal output to the liquid crystal display (LCD801) |
| 86 | REC-BIAS | O | Recording bias on/off selection signal output to the HA12203NT (IC352)<br>"L": bias on, "H": bias off |
| 87 | REC-MUTE | O | Recording muting on/off selection signal output to the HA12203NT (IC352)<br>"L": muting on, "H": muting off |
| 88 | DOLBY | O | Dolby NR on/off selection signal output to the HA12203NT (IC352)<br>"L": dolby on, "H": dolby off |
| 89 | VDD | — | Power supply terminal (+5V) |
| 90 | NC | — | Connected to power supply (+5V) |
| 91 | VSS | — | Ground terminal |
| 92 | TX | O | Sub system clock output terminal (32.768 kHz) |
| 93 | TEX | I | Sub system clock input terminal (32.768 kHz) |
| 94 | CD-ON | O | LED drive signal output of the CD indicator (D852) "H": CD power on (LED on) |
| 95 | REC/PB | O | Recording/playback selection signal output to the BA3126N (IC350) and HA12203NT (IC352)<br>"L": playback mode, "H": recording mode |
| 96 | L-MUTE | O | Line muting on/off selection signal output to the HA12203NT (IC352)<br>"L": muting on, "H": muting off |
| 97 | LINE OUT-MUTE | O | Muting on/off control signal output terminal "H": muting on |
| 98 | TC-ON | O | Power supply on/off control signal output of the cassette holder back light<br>LED drive signal output of the TAPE indicator (D854) "H": back light on (LED on) |
| 99 | WP | I | Wakeup control signal input terminal |
| 100 | S-ACK | I | Subcode sync (S0+S1) detection signal input from the VCD block (at CD function) |

# SECTION 6
# EXPLODED VIEWS

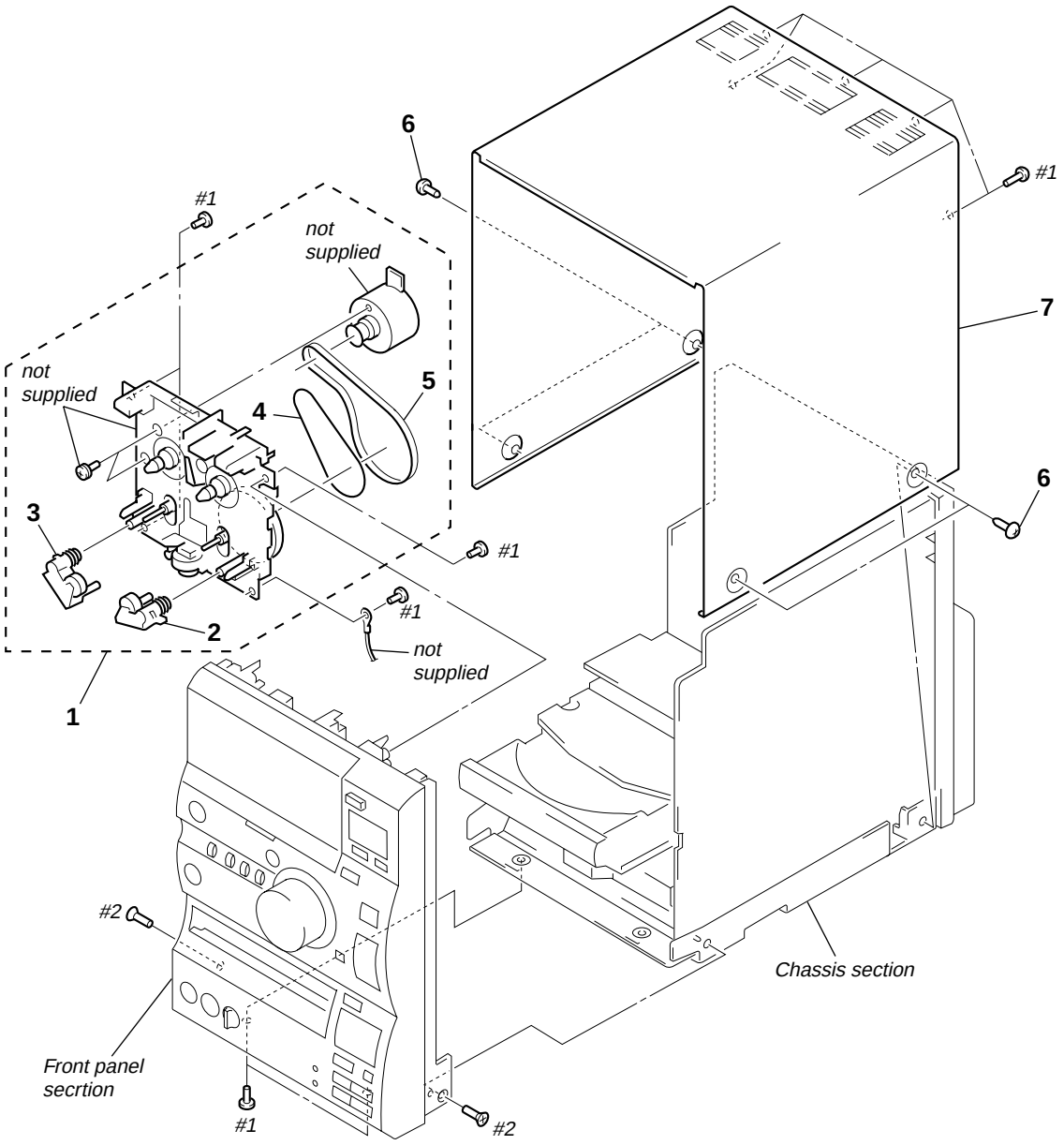
NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Abbreviation
  CH : Chinese model HK : Hong Kong model
  MY : Malaysia model SP : Singapore model
  TH : Thai model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of the electrical parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

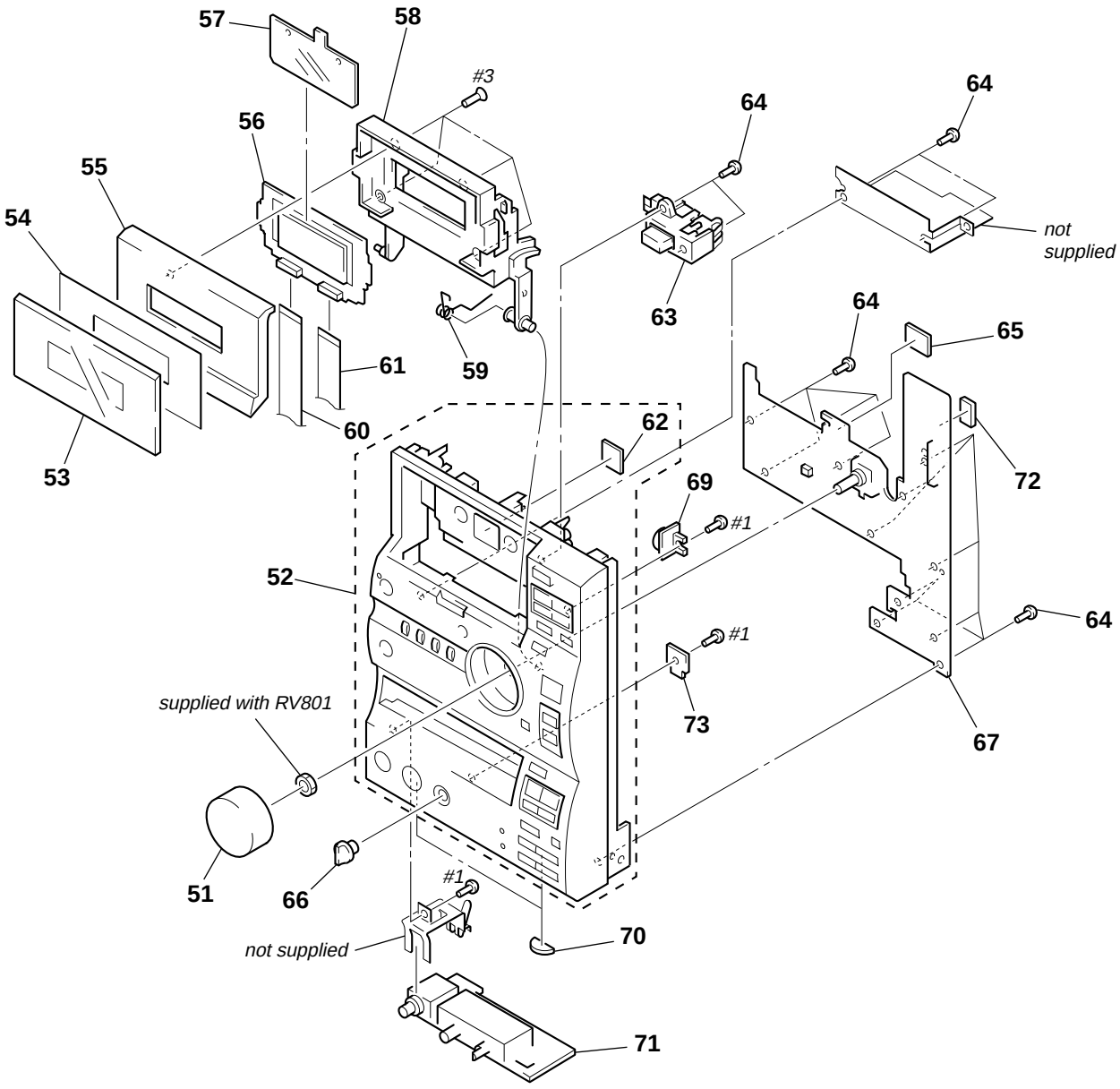
以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

## (1) COVER, TAPE MECHANISM DECK SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | 1-772-001-11 | ELECTRIC, MECHANICAL (TAPE DECK BLOCK) | |
| 2 | X-4949-568-1 | ROLLER PINCH BLK R ASSY | |
| 3 | X-4949-569-1 | ROLLER PINCH BLK L ASSY | |
| 4 | 4-997-984-01 | BELT, F/R | |
| 5 | 4-997-983-01 | BELT, MAIN | |
| 6 | 4-221-580-01 | SCREW, CASE | |
| * 7 | 4-217-341-01 | COVER (UPPER) | |

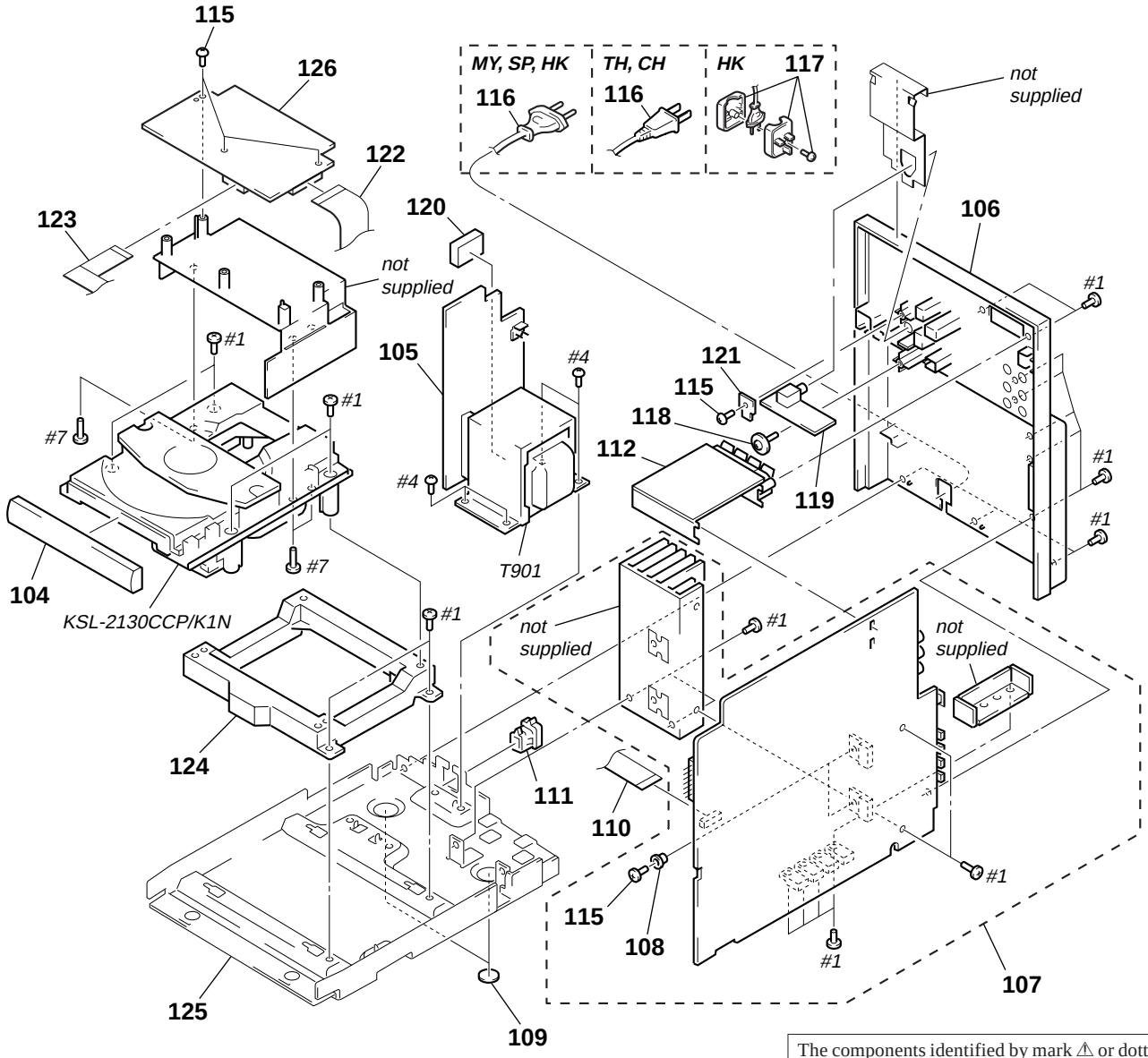
## (2) FRONT PANEL SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | X-4951-108-1 | KNOB ASSY | |
| 52 | X-4951-938-1 | PANEL SUB ASSY, FRONT | |
| 53 | 4-222-321-01 | WINDOW (CASSETTE) | |
| 54 | 4-217-356-01 | SHEET (WINDOW), ADHESIVE | |
| 55 | 4-217-316-01 | LID, CASSETTE | |
| 56 | 1-675-188-11 | LCD BOARD | |
| 57 | 4-217-319-01 | PLATE, LCD LIGHT | |
| 58 | 4-217-317-01 | HOLDER (CASSETTE) | |
| 59 | 4-217-345-01 | SPRING, CASSETTE | |
| 60 | 1-790-628-11 | WIRE (FLAT TYPE) (18 CORE) | |
| 61 | 1-790-629-11 | WIRE (FLAT TYPE) (20 CORE) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 62 | 1-418-482-11 | ILLUMINATION BLOCK, LED | |
| 63 | X-4951-937-1 | LOCK (EJECT) ASSY | |
| 64 | 4-931-757-31 | SCREW (DIA. 2.6X8) (IT3B), TAPPING | |
| 65 | 4-222-083-01 | CUSHION (DSG) | |
| 66 | 4-221-075-01 | KNOB (MIC VOL) | |
| 67 | A-4426-610-A | CONTROL BOARD, COMPLETE | |
| 69 | 3-351-377-11 | GEAR, DAMPER | |
| 70 | 4-218-204-01 | FOOT (FRONT) | |
| 71 | 1-675-190-11 | HP/MIC BOARD | |
| 72 | 4-219-810-01 | RUBBER (SPACE) | |
| 73 | 1-675-192-11 | VIDEO SW STOPPER BOARD | |

## (3) CHASSIS SECTION

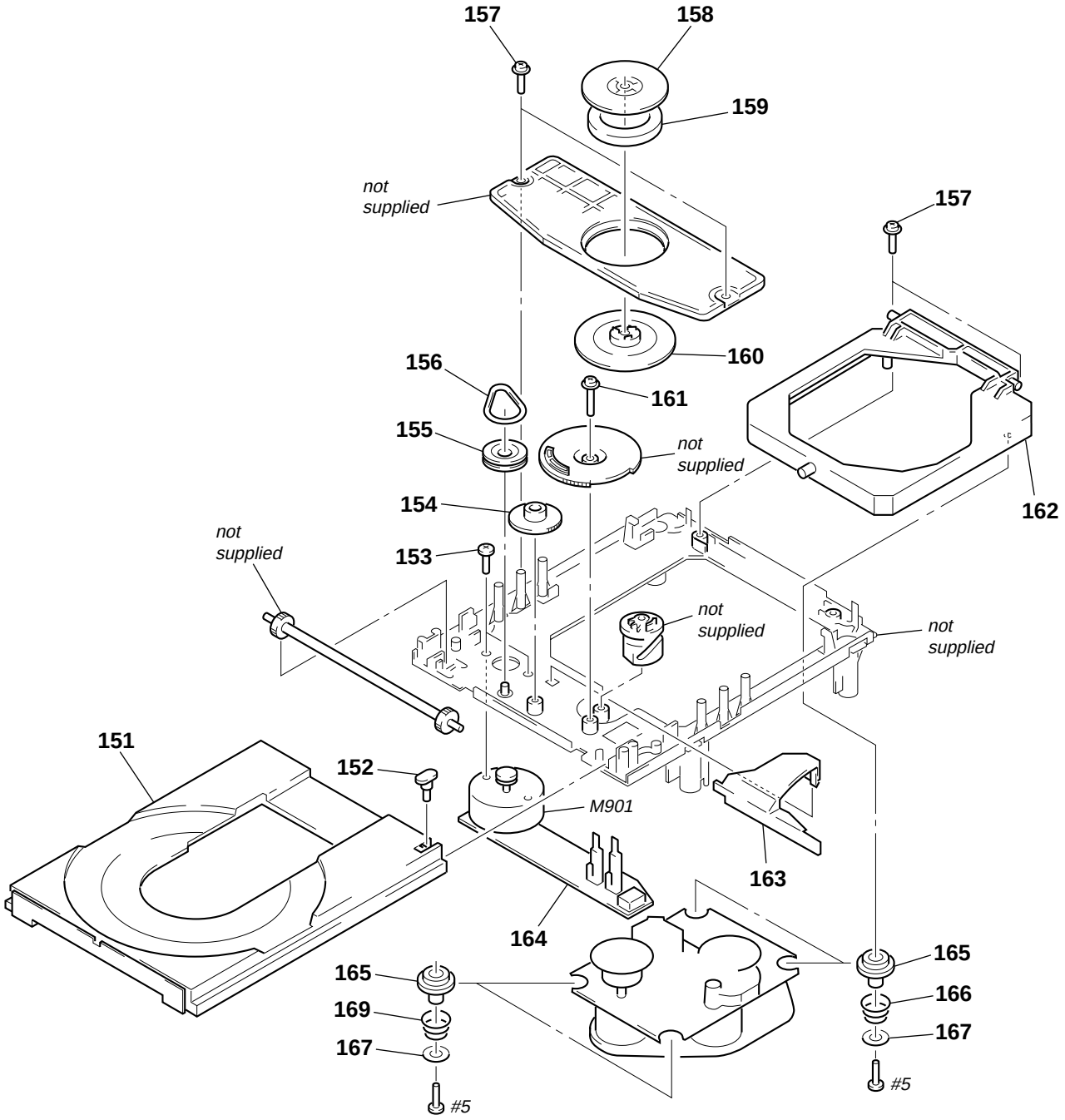



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 104 | 4-222-428-01 | LID, CD | |
| 105 | 1-675-187-11 | POWER BOARD | |
| 106 | 4-217-338-31 | PANEL, BACK | |
| 107 | A-4426-615-A | MAIN BOARD, COMPLETE | |
| * 108 | 4-217-354-01 | BUSHING, INSULATING | |
| 109 | 4-217-355-01 | FOOT | |
| 110 | 1-790-630-11 | WIRE (FLAT TYPE) (12 CORE) | |
| 111 | 3-703-244-00 | BUSHING (2104), CORD (CH) | |
| 111 | 3-703-571-11 | BUSHING (S) (4516), CORD (TH) | |
| 111 | 4-217-350-01 | STOPPER, CORD (MY, SP, HK) | |
| 112 | A-4426-617-A | TUNER PACK | |
| 115 | 4-931-757-31 | SCREW (DIA. 2.6X8) (IT3B), TAPPING | |
| ⚠116 | 1-558-943-31 | CORD, POWER (TH) | |
| ⚠116 | 1-696-169-21 | CORD, POWER (MY, SP, HK) | |
| ⚠116 | 1-783-205-11 | CORD, POWER (CH) | |
| ⚠117 | 1-770-019-11 | ADAPTOR, CONVERSION PLUG 3P (HK) | |
| 118 | 3-911-135-01 | SCREW (2.6X10), (+PWH) TAPPING | |
| 119 | 1-675-191-11 | VIDEO SW BOARD | |
| 120 | 4-220-971-01 | RUBBER (POWER) | |
| 121 | 1-675-192-11 | VIDEO SW STOPPER BOARD | |
| 122 | 1-791-494-11 | WIRE (FLAT TYPE) (24 CORE) | |
| 123 | 1-791-493-11 | WIRE (FLAT TYPE) (19 CORE) | |
| 124 | 4-217-337-01 | CHASSIS (CD) | |
| 125 | 4-217-342-03 | CHASSIS (LOWER) | |
| 126 | 1-761-268-11 | BOARD, UNIT (VCD BLOCK) | |
| ⚠T901 | 1-433-809-11 | TRANSFORMER, POWER | |

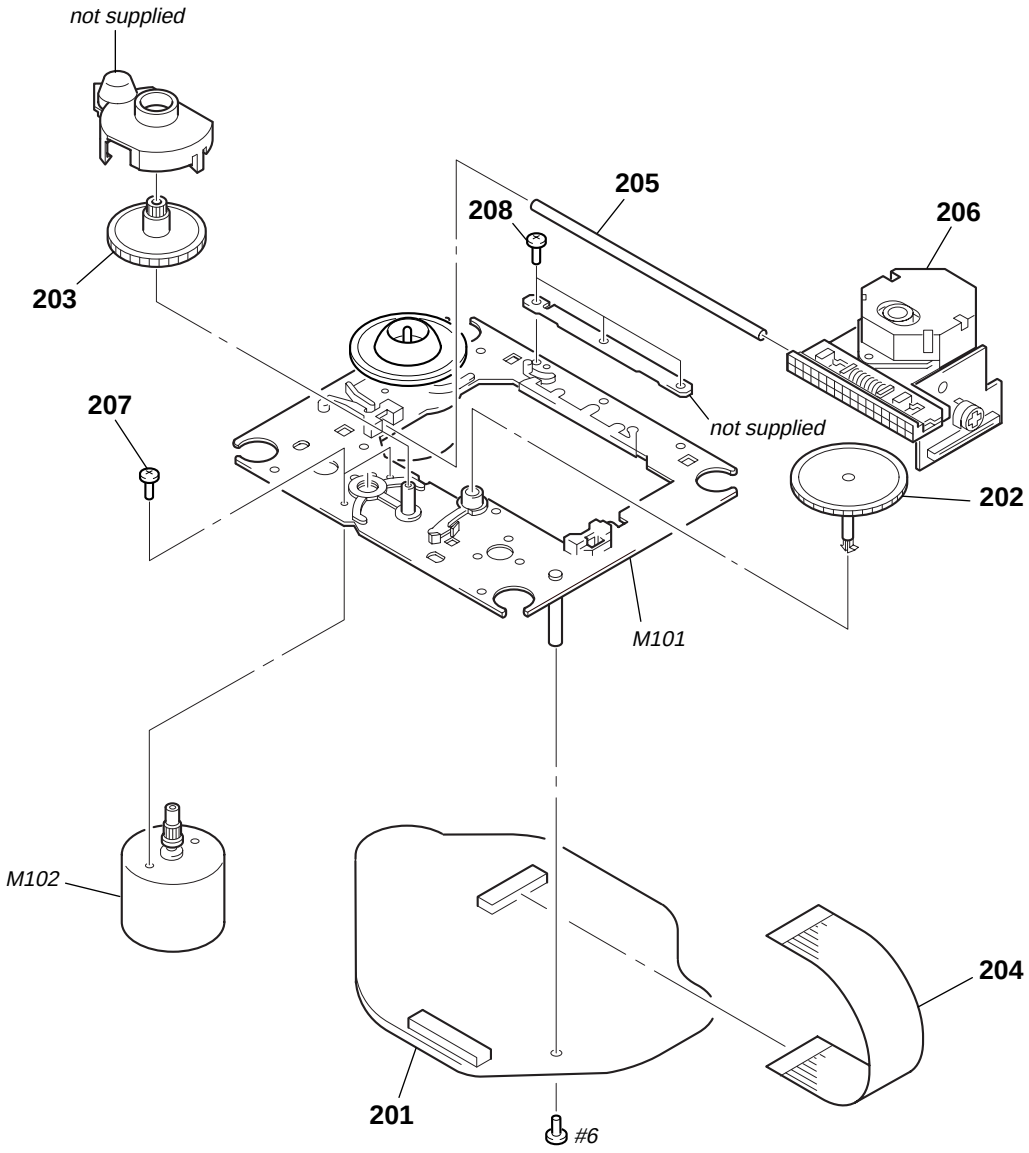
## (4) CD MECHANISM DECK SECTION-1 (KSL-2130CCP/K1N)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 151 | 2-646-290-01 | TRAY (2130) | |
| 152 | 2-625-541-02 | DAMPER (S) | |
| 153 | 2-625-279-01 | SCREW (B 2.6X2.5), + | |
| 154 | 2-625-274-02 | GEAR, MIDWAY | |
| 155 | 2-625-276-02 | PULLEY, LOADING | |
| 156 | 3-653-387-00 | BELT, LM | |
| 157 | 2-626-294-01 | SCREW (+PTPWH) (2.6X7) | |
| * 158 | 2-625-284-05 | PLATE, CHUCKING | |
| 159 | 1-452-493-21 | MAGNET | |
| 160 | 2-625-286-03 | PULLEY, CHUCKING | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 161 | 3-319-501-51 | SCREW (+PTPWH) (2.6X16) | |
| * 162 | 2-646-288-01 | CHASSIS (2130), SUB | |
| * 164 | 1-640-523-11 | LOADING BOARD | |
| * 165 | 2-627-234-01 | INSULATOR | |
| 166 | 2-627-235-01 | SPRING (REAR), COIL | |
| 167 | 2-646-289-01 | WASHER (2130) | |
| 168 | 2-641-386-01 | SCREW (2X5), TAPPING (S) | |
| 169 | 2-627-236-01 | SPRING (FRONT), COIL | |
| M901 | X-2625-117-1 | MOTOR ASSY, LOADING | |

## (5) CD MECHANISM DECK SECTION-2 (KSL-2130CCP/K1N)




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 201 | A-4426-613-A | CD BOARD, COMPLETE | |
| 202 | 2-625-188-02 | GEAR (A) | |
| 203 | 2-627-003-02 | GEAR (B) (RP) | |
| 204 | 1-791-495-11 | WIRE (FLAT TYPE) (16 CORE) | |
| 205 | 2-626-908-01 | SHAFT, SLED | |
| ⚠206 | 8-820-070-02 | OPTICAL PICK-UP KSM-213CCP/K1N | |
| 207 | 3-713-786-51 | SCREW +P 2X3 | |
| 206 | 2-641-386-01 | SCREW (2X5), TAPPING (S) | |
| M101 | X-2646-381-1 | MOTOR CHASSIS ASSY (MB) (SPINDLE) | |
| M102 | X-2625-769-1 | MOTOR GEAR ASSY (MB) (RP) (SLED) | |

CD

# SECTION 7
# ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  CH : Chinese
  HK : Hong Kong
  MY : Malaysia
  SP : Singapore
  TH : Thai
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. .  uPA. . : µPA. .
  uPB. . : µPB. .  uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4426-613-A | CD BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C701 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C702 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C703 | 1-163-197-00 | CERAMIC CHIP | 470PF | 10% | 50V |
| C705 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C706 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C707 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C708 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C709 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF | 10% | 50V |
| C710 | 1-163-055-00 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C711 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C712 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C713 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C715 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C716 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C717 | 1-113-500-11 | TANTALUM CHIP | 100uF | 20% | 10V |
| C718 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C719 | 1-163-102-00 | CERAMIC CHIP | 24PF | 5% | 50V |
| C720 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C723 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C724 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C725 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C741 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C742 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C751 | 1-163-167-00 | CERAMIC CHIP | 27PF | 5% | 50V |
| C753 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C754 | 1-162-568-11 | CERAMIC CHIP | 0.33uF | | 25V |
| C756 | 1-163-167-00 | CERAMIC CHIP | 27PF | 5% | 50V |
| C757 | 1-163-209-00 | CERAMIC CHIP | 0.0015uF | 5% | 50V |
| C759 | 1-163-019-00 | CERAMIC CHIP | 0.0068uF | 10% | 50V |
| C761 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C762 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C763 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| | | < CONNECTOR > | | | |
| CN702 | 1-770-674-11 | CONNECTOR, FFC/FPC 16P | | | |
| | | < IC > | | | |
| IC701 | 8-752-369-78 | IC CXD2545Q | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| * IC702 | 8-759-455-91 | IC BA6392FP-E2 | | | |
| IC703 | 8-752-072-45 | IC CXA1821M-T6 | | | |
| IC704 | 8-759-271-86 | IC TC7SH04F (TE85R) | | | |
| | | < SHORT > | | | |
| JR701 | 1-216-295-00 | SHORT | 0 | | |
| JR702 | 1-216-295-00 | SHORT | 0 | | |
| JR703 | 1-216-295-00 | SHORT | 0 | | |
| JR704 | 1-216-295-00 | SHORT | 0 | | |
| JR705 | 1-216-295-00 | SHORT | 0 | | |
| JR706 | 1-216-296-00 | SHORT | 0 | | |
| JR707 | 1-216-296-00 | SHORT | 0 | | |
| JR708 | 1-216-296-00 | SHORT | 0 | | |
| JR709 | 1-216-296-00 | SHORT | 0 | | |
| JR710 | 1-216-296-00 | SHORT | 0 | | |
| JR711 | 1-216-296-00 | SHORT | 0 | | |
| JR712 | 1-216-296-00 | SHORT | 0 | | |
| JR713 | 1-216-296-00 | SHORT | 0 | | |
| JR714 | 1-216-296-00 | SHORT | 0 | | |
| JR715 | 1-216-296-00 | SHORT | 0 | | |
| JR716 | 1-216-296-00 | SHORT | 0 | | |
| JR717 | 1-216-296-00 | SHORT | 0 | | |
| JR718 | 1-216-296-00 | SHORT | 0 | | |
| JR719 | 1-216-296-00 | SHORT | 0 | | |
| JR720 | 1-216-296-00 | SHORT | 0 | | |
| JR721 | 1-216-296-00 | SHORT | 0 | | |
| JR723 | 1-216-295-00 | SHORT | 0 | | |
| | | < TRANSISTOR > | | | |
| Q701 | 8-729-010-08 | TRANSISTOR | MSB710-RT1 | | |
| Q702 | 8-729-120-28 | TRANSISTOR | 2SC1623-T1-L5L6 | | |
| | | < RESISTOR > | | | |
| R701 | 1-216-077-00 | RES, CHIP | 15K | 5% | 1/10W |
| R702 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R703 | 1-216-226-00 | RES, CHIP | 15K | 5% | 1/8W |
| R704 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R705 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R706 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R707 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R708 | 1-216-210-00 | RES, CHIP | 3.3K | 5% | 1/8W |
| R709 | 1-216-121-00 | RES, CHIP | 1M | 5% | 1/10W |
| R710 | 1-216-174-00 | RES, CHIP | 100 | 5% | 1/8W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R712 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R723 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R724 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R725 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R726 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R727 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R731 | 1-216-037-00 | METAL CHIP | 330 | 5% | 1/10W |
| R734 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R741 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R742 | 1-216-230-00 | RES, CHIP | 22K | 5% | 1/8W |
| R743 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| R744 | 1-216-250-00 | RES, CHIP | 150K | 5% | 1/8W |
| R746 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R747 | 1-216-067-00 | METAL CHIP | 5.6K | 5% | 1/10W |
| R748 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R749 | 1-216-003-11 | RES, CHIP | 12 | 5% | 1/10W |
| R750 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R751 | 1-216-174-00 | RES, CHIP | 100 | 5% | 1/8W |
| R752 | 1-216-222-00 | RES, CHIP | 10K | 5% | 1/8W |
| R753 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R754 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R755 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R756 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R758 | 1-216-109-00 | METAL CHIP | 330K | 5% | 1/10W |
| R759 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R760 | 1-216-295-00 | SHORT | 0 | | |
| R761 | 1-216-308-00 | METAL CHIP | 4.7 | 5% | 1/10W |
| R762 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| R772 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R773 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R775 | 1-216-174-00 | RES, CHIP | 100 | 5% | 1/8W |
| R777 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R778 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| | | < SWITCH > | | | |
| S701 | 1-572-085-11 | SWITCH, LEAF (LIMIT) | | | |

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| | | | | | |
|---|---|---|---|---|---|
| | A-4426-610-A | CONTROL BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C601 | 1-124-259-11 | ELECT | 4.7uF | 20% | 16V |
| C602 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| | | < CONNECTOR > | | | |
| CN603 | 1-785-957-11 | BOARD TO BOARD 17P | | | |
| | | < LED > | | | |
| D500 | 8-719-074-40 | LED SLR325DU-T31 (VCD ON) | | | |
| D501 | 8-719-074-40 | LED SLR325DU-T31 (PBC) | | | |
| D851 | 8-719-074-42 | LED SLR325VR-T31 (STANDBY, I/⏻) | | | |
| D852 | 8-719-074-40 | LED SLR325DU-T31 (CD) | | | |
| D853 | 8-719-074-40 | LED SLR325DU-T31 (MD/VIDEO) | | | |
| D854 | 8-719-074-40 | LED SLR325DU-T31 (TAPE) | | | |
| D855 | 8-719-074-40 | LED SLR325DU-T31 (TUNER) | | | |
| D856 | 8-719-074-42 | LED SLR325VR-T31 (DSG) | | | |
| D857 | 8-719-074-42 | LED SLR325VR-T31 CD SYNC) | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| D858 | 8-719-075-50 | LED SELS6B14C-TP5 (DISC TRAY ILLUMINATION) | | | |
| | | < IC > | | | |
| IC802 | 8-742-132-00 | IC SBX1976-51P (REMOTE SENSOR) | | | |
| | | < SHORT > | | | |
| JR801 | 1-216-296-00 | SHORT | 0 | | |
| JR802 | 1-216-296-00 | SHORT | 0 | | |
| | | < TRANSISTOR > | | | |
| Q500 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q501 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q852 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q853 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q854 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q855 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q856 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q857 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q858 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| Q859 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | | |
| | | < RESISTOR > | | | |
| R500 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R501 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R502 | 1-216-047-00 | RES, CHIP | 820 | 5% | 1/10W |
| R503 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W |
| R504 | 1-216-043-00 | RES, CHIP | 560 | 5% | 1/10W |
| R505 | 1-216-043-00 | RES, CHIP | 560 | 5% | 1/10W |
| R601 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R602 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R603 | 1-216-047-00 | RES, CHIP | 820 | 5% | 1/10W |
| R604 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W |
| R605 | 1-216-055-00 | METAL CHIP | 1.8K | 5% | 1/10W |
| R606 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R607 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W |
| R608 | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W |
| R609 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R610 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R611 | 1-216-047-00 | RES, CHIP | 820 | 5% | 1/10W |
| R612 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W |
| R613 | 1-216-055-00 | METAL CHIP | 1.8K | 5% | 1/10W |
| R614 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R615 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W |
| R616 | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W |
| R617 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R618 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R660 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R661 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R662 | 1-216-043-00 | RES, CHIP | 560 | 5% | 1/10W |
| R665 | 1-216-043-00 | RES, CHIP | 560 | 5% | 1/10W |
| R666 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W |
| R667 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W |
| R668 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R669 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R680 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R681 | 1-216-047-00 | RES, CHIP | 820 | 5% | 1/10W |
| R683 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W |

**CONTROL** **HP/MIC** **LCD**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R684 | 1-216-055-00 | METAL CHIP | 1.8K | 5% | 1/10W |
| R685 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R686 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W |
| R687 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R688 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| | | < ROTARY ENCODER > | | | |
| RV801 | 1-473-392-11 | ENCODER, ROTARY (VOLUME) | | | |
| | | < SWITCH > | | | |
| S801 | 1-771-774-11 | SWITCH, KEY BOARD (TUNING MODE) | | | |
| S802 | 1-771-774-11 | SWITCH, KEY BOARD (CD, ▶II) | | | |
| S803 | 1-771-774-11 | SWITCH, KEY BOARD (CD, ■) | | | |
| S804 | 1-771-774-11 | SWITCH, KEY BOARD (CD, ▶▶I ▶▶) | | | |
| S805 | 1-771-774-11 | SWITCH, KEY BOARD (CD, I◀◀ ◀◀) | | | |
| S806 | 1-771-774-11 | SWITCH, KEY BOARD (CD, PLAY MODE) | | | |
| S807 | 1-771-774-11 | SWITCH, KEY BOARD (CD, REPEAT) | | | |
| S808 | 1-771-774-11 | SWITCH, KEY BOARD (CD, EJECT ⏏) | | | |
| S809 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE, ◀▶) | | | |
| S810 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE, ■) | | | |
| S811 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE, ▶▶) | | | |
| S812 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE, ◀◀) | | | |
| S813 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE, II) | | | |
| S814 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE, REC ●) | | | |
| S815 | 1-771-774-11 | SWITCH, KEY BOARD (TUNIG +) | | | |
| S816 | 1-771-774-11 | SWITCH, KEY BOARD (TUNING –) | | | |
| S817 | 1-771-774-11 | SWITCH, KEY BOARD (STANDBY, I/⏻) | | | |
| S818 | 1-771-774-11 | SWITCH, KEY BOARD (CD) | | | |
| S819 | 1-771-774-11 | SWITCH, KEY BOARD (TUNER) | | | |
| S820 | 1-771-774-11 | SWITCH, KEY BOARD (TAPE) | | | |
| S821 | 1-771-774-11 | SWITCH, KEY BOARD (MD/VIDEO) | | | |
| S822 | 1-771-774-11 | SWITCH, KEY BOARD (DSG) | | | |
| S824 | 1-771-774-11 | SWITCH, KEY BOARD (BAND) | | | |
| S825 | 1-771-774-11 | SWITCH, KEY BOARD (CD SYNC) | | | |
| S826 | 1-771-774-11 | SWITCH, KEY BOARD (SELECT) | | | |
| S827 | 1-771-774-11 | SWITCH, KEY BOARD (PREV) | | | |
| S828 | 1-771-774-11 | SWITCH, KEY BOARD (NEXT) | | | |
| S829 | 1-771-774-11 | SWITCH, KEY BOARD (RETURN) | | | |

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|---|---|---|---|---|---|
| | 1-675-190-11 | HP/MIC BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C132 | 1-124-584-00 | ELECT | 100uF | 20% | 10V |
| C232 | 1-124-584-00 | ELECT | 100uF | 20% | 10V |
| C401 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C402 | 1-124-464-11 | ELECT | 0.22uF | 20% | 50V |
| C403 | 1-163-259-91 | CERAMIC CHIP | 220PF | 5% | 50V |
| C404 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C405 | 1-124-257-00 | ELECT | 2.2uF | 20% | 50V |
| C406 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% | 50V |
| C407 | 1-163-010-11 | CERAMIC CHIP | 0.0012uF | 10% | 50V |
| | | < IC > | | | |
| IC401 | 8-759-909-71 | IC BA4558F-E2 | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < JACK > | | | |
| J301 | 1-785-925-11 | JACK (PHONES) | | | |
| J402 | 1-793-570-11 | JACK (SMALL TYPE) (MIC IN) | | | |
| | | < SHORT > | | | |
| JR401 | 1-216-295-00 | SHORT | 0 | | |
| JR402 | 1-216-295-00 | SHORT | 0 | | |
| JR403 | 1-216-295-00 | SHORT | 0 | | |
| JR404 | 1-216-295-00 | SHORT | 0 | | |
| JR405 | 1-216-295-00 | SHORT | 0 | | |
| JR651 | 1-216-296-00 | SHORT | 0 | | |
| | | < SHORT/COIL > | | | |
| L102 | 1-216-295-00 | SHORT | 0 | | |
| L202 | 1-216-295-00 | SHORT | 0 | | |
| L401 | 1-414-170-41 | INDUCTOR | 100uH | | |
| | | < TRANSISTOR > | | | |
| Q132 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | | |
| Q232 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | | |
| | | < RESISTOR > | | | |
| R139 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R239 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R401 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R402 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R403 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R404 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R405 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R406 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R407 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W |
| R408 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W |
| R409 | 1-216-182-00 | RES, CHIP | 220 | 5% | 1/8W |
| R410 | 1-216-182-00 | RES, CHIP | 220 | 5% | 1/8W |
| | | < VARIABLE RESISTOR > | | | |
| RV401 | 1-225-916-11 | RES, ADJ, CARBON | 20K | | |

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|---|---|---|---|---|---|
| | 1-675-188-11 | LCD BOARD | | | |
| | | ********** | | | |
| | | < CONNECTOR > | | | |
| CN801 | 1-785-950-11 | CONNECTOR, FFC/FPC 18P | | | |
| CN803 | 1-785-949-11 | CONNECTOR, FFC/FPC 20P | | | |
| | | < LED > | | | |
| D657 | 8-719-075-51 | LED SELS6B14C-LF62 (LCD BACK LIGHT) | | | |
| D658 | 8-719-075-51 | LED SELS6B14C-LF62 (LCD BACK LIGHT) | | | |
| D659 | 8-719-075-51 | LED SELS6B14C-LF62 (LCD BACK LIGHT) | | | |
| D660 | 8-719-075-51 | LED SELS6B14C-LF62 (LCD BACK LIGHT) | | | |
| | | < LIQUID CRYSTAL DISPLAY > | | | |
| LCD801 | 1-803-542-11 | DISPLAY PANEL, LIQUID CRYSTAL | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < RESISTOR > | | | |
| R647 | 1-216-181-11 | RES, CHIP | 200 | 5% | 1/8W |
| R648 | 1-216-181-11 | RES, CHIP | 200 | 5% | 1/8W |
| R649 | 1-216-181-11 | RES, CHIP | 200 | 5% | 1/8W |
| R650 | 1-216-181-11 | RES, CHIP | 200 | 5% | 1/8W |
| ********** | | | | | |
| * | 1-640-523-11 | LOADING BOARD | | | |
| | | ********** | | | |
| | | < CONNECTOR > | | | |
| CN900 | 1-568-943-11 | PIN, CONNECTOR 5P | | | |
| | | < SWITCH > | | | |
| S901 | 1-692-667-11 | SWITCH, LEAF (DISC TRAY CLOSE DET) | | | |
| S902 | 1-692-667-11 | SWITCH, LEAF (DISC TRAY OPEN DET) | | | |
| ********** | | | | | |
| | A-4426-615-A | MAIN BOARD, COMPLETE | | | |
| | | ********** | | | |
| * | 4-217-354-01 | BUSHING, INSULATING | | | |
| | 4-931-757-31 | SCREW (DIA.2.6X8) (IT3B), TAPPING | | | |
| | 7-685-546-14 | SCREW +BTP 3X8 TYPE2 N-S | | | |
| | | < CAPACITOR > | | | |
| C101 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C102 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C103 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C104 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C105 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C106 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C107 | 1-163-022-00 | CERAMIC CHIP | 0.0012uF | 10% | 50V |
| C109 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C110 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C111 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C112 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 100V |
| C113 | 1-164-489-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C114 | 1-164-489-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C115 | 1-163-018-00 | CERAMIC CHIP | 0.0056uF | 5% | 50V |
| C116 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C117 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C118 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C119 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C120 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C121 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C122 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C123 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C124 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C126 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C127 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V |
| C128 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C129 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C130 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C131 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C133 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V |
| C151 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C152 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C153 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C154 | 1-104-666-11 | ELECT | 220uF | 20% | 16V |
| C155 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C156 | 1-130-487-00 | MYLAR | 0.022uF | 5% | 50V |
| C157 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C158 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% | 50V |
| C159 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V |
| C160 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C161 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C162 | 1-124-902-00 | ELECT | 0.47uF | 20% | 50V |
| C163 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C164 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C166 | 1-163-007-11 | CERAMIC CHIP | 680PF | 10% | 50V |
| C167 | 1-163-003-11 | CERAMIC CHIP | 330PF | 10% | 50V |
| C168 | 1-163-003-11 | CERAMIC CHIP | 330PF | 10% | 50V |
| C171 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C201 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C202 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C203 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C204 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C205 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C206 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C207 | 1-163-022-00 | CERAMIC CHIP | 0.0012uF | 10% | 50V |
| C209 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C210 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C211 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C212 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 100V |
| C213 | 1-164-489-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C214 | 1-164-489-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C215 | 1-163-018-00 | CERAMIC CHIP | 0.0056uF | 5% | 50V |
| C216 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C217 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C218 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C219 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C220 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C221 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C222 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C223 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C224 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C226 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C227 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V |
| C228 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C229 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C230 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C231 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C233 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V |
| C251 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C252 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C253 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C254 | 1-104-666-11 | ELECT | 220uF | 20% | 16V |
| C255 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C256 | 1-130-487-00 | MYLAR | 0.022uF | 5% | 50V |
| C257 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C258 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% | 50V |
| C259 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V |
| C260 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C261 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C262 | 1-124-902-00 | ELECT | 0.47uF | 20% | 50V |

## MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C263 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C264 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C266 | 1-163-007-11 | CERAMIC CHIP | 680PF | 10% | 50V |
| C267 | 1-163-003-11 | CERAMIC CHIP | 330PF | 10% | 50V |
| C268 | 1-163-003-11 | CERAMIC CHIP | 330PF | 10% | 50V |
| C271 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C301 | 1-104-663-11 | ELECT | 33uF | 20% | 25V |
| C302 | 1-124-119-00 | ELECT | 330uF | 20% | 16V |
| C303 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C304 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C306 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C307 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C308 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C309 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C310 | 1-126-955-11 | ELECT | 4700uF | 20% | 35V |
| C311 | 1-126-955-11 | ELECT | 4700uF | 20% | 35V |
| C312 | 1-126-942-61 | ELECT | 1000uF | 20% | 25V |
| C313 | 1-128-548-11 | ELECT | 4700uF | 20% | 25V |
| C315 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C316 | 1-104-666-11 | ELECT | 220uF | 20% | 16V |
| C317 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C318 | 1-104-666-11 | ELECT | 220uF | 20% | 16V |
| C319 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C320 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C321 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C323 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C324 | 1-126-935-11 | ELECT | 470uF | 20% | 16V |
| C325 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C326 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C327 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C328 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C329 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C330 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C331 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C340 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C341 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C346 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C347 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C348 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C350 | 1-104-665-11 | ELECT | 100uF | 20% | 16V |
| C351 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C352 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C354 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C357 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C358 | 1-137-150-11 | MYLAR | 0.01uF | 5% | 100V |
| C359 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C360 | 1-130-485-00 | MYLAR | 0.015uF | 5% | 50V |
| C361 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C362 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C363 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C364 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C365 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C370 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C371 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V |
| C651 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C652 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C801 | 1-163-102-00 | CERAMIC CHIP | 24PF | 5% | 50V |
| C802 | 1-163-102-00 | CERAMIC CHIP | 24PF | 5% | 50V |
| C803 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C804 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C805 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C806 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C807 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C808 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C809 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C810 | 1-128-647-11 | DOUBLE LAYER | 0.1F | | 5.5V |
| C811 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C812 | 1-163-237-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C822 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |

< CONNECTOR >

| Ref. No. | Part No. | Description |
|---|---|---|
| * CN303 | 1-568-936-11 | PIN, CONNECTOR 9P |
| * CN306 | 1-568-954-11 | PIN, CONNECTOR 5P |
| CN802 | 1-785-951-11 | CONNECTOR, FFC/FPC 18P |
| CN804 | 1-785-952-11 | CONNECTOR, FFC/FPC 20P |
| * CN805 | 1-569-935-11 | SOCKET, CONNECTOR 19P |
| CN806 | 1-785-954-11 | PIN, CONNECTOR (PC BOARD) 17P |
| CN807 | 1-569-929-11 | SOCKET, CONNECTOR 12P |
| * CN809 | 1-506-984-11 | PIN, CONNECTOR (PC BOARD) 2P |
| * CN812 | 1-568-954-11 | PIN, CONNECTOR 5P |

< DIODE >

| Ref. No. | Part No. | Description |
|---|---|---|
| D301 | 8-719-991-33 | DIODE 1SS133T-77 |
| D302 | 8-719-109-72 | DIODE MTZJ-T-77-3.9B |
| D304 | 8-719-991-33 | DIODE 1SS133T-77 |
| D314 | 8-719-109-93 | DIODE MTZJ-T-77-6.2C |
| D315 | 8-719-991-33 | DIODE 1SS133T-77 |
| D317 | 8-719-921-75 | DIODE MTZN-T-77-10B |
| D319 | 8-719-921-63 | DIODE MTZJ-T-77-7.5B |
| D323 | 8-719-110-14 | DIODE MTZJ-T-77-9.1C |
| D350 | 8-719-200-82 | DIODE 11ES2-TA1B |
| D351 | 8-719-200-82 | DIODE 11E2 |
| D352 | 8-719-981-95 | DIODE MTZJ-2.7B |
| D353 | 8-719-991-33 | DIODE 1SS133T-77 |
| D354 | 8-719-046-07 | DIODE 2A02M |
| D361 | 8-719-991-33 | DIODE 1SS133T-77 |
| D362 | 8-719-991-33 | DIODE 1SS133T-77 |
| D651 | 8-719-200-82 | DIODE 11ES2-TA1B |
| D652 | 8-719-200-82 | DIODE 11ES2-TA1B |
| D801 | 8-719-991-33 | DIODE 1SS133T-77 |
| D802 | 8-719-991-33 | DIODE 1SS133T-77 |
| D812 | 8-719-991-33 | DIODE 1SS133T-77 |
| D813 | 8-719-991-33 | DIODE 1SS133T-77 |
| D814 | 8-719-991-33 | DIODE 1SS133T-77 |
| D815 | 8-719-991-33 | DIODE 1SS133T-77 |

< IC >

| Ref. No. | Part No. | Description |
|---|---|---|
| IC101 | 8-759-584-39 | IC TDA7296 |
| IC201 | 8-759-584-39 | IC TDA7296 |
| IC301 | 8-759-585-01 | IC TDA7439 |
| IC303 | 8-759-909-71 | IC BA4558F-E2 |
| IC304 | 8-759-584-41 | IC K1A7808PI |
| IC305 | 8-759-584-40 | IC KA7908 |
| IC306 | 8-759-347-19 | IC KIA7812PI |
| IC307 | 8-759-909-71 | IC BA4558F-E2 |
| IC308 | 8-749-921-12 | IC GP1F32T (OPTICAL DIGITAL OUT (CD)) |

| Ref. No. | Part No. | Description | | Remark |
|---|---|---|---|---|
| IC309 | 8-759-584-65 | IC KA3082 | | |
| IC311 | 8-759-584-41 | IC K1A7808PI | | |
| IC312 | 8-759-641-63 | IC KIA7905 | | |
| IC350 | 8-759-508-69 | IC BA3126N | | |
| IC351 | 8-759-261-93 | IC NJM4580LD | | |
| IC352 | 8-759-363-21 | IC HA12203 | | |
| IC801 | 8-752-908-93 | IC CXP83120A-132Q | | |
| IC803 | 8-759-592-22 | IC BMR-0301I | | |
| | | < SHORT/FERRITE BEAD > | | |
| JR300 | 1-216-296-00 | SHORT | 0 | |
| JR301 | 1-216-296-00 | SHORT | 0 | |
| JR302 | 1-216-296-00 | SHORT | 0 | |
| JR304 | 1-216-296-00 | SHORT | 0 | |
| JR305 | 1-216-296-00 | SHORT | 0 | |
| JR306 | 1-216-296-00 | SHORT | 0 | |
| JR307 | 1-216-296-00 | SHORT | 0 | |
| JR308 | 1-216-296-00 | SHORT | 0 | |
| JR309 | 1-216-296-00 | SHORT | 0 | |
| JR310 | 1-216-296-00 | SHORT | 0 | |
| JR311 | 1-216-296-00 | SHORT | 0 | |
| JR312 | 1-216-296-00 | SHORT | 0 | |
| JR313 | 1-216-296-00 | SHORT | 0 | |
| JR314 | 1-216-296-00 | SHORT | 0 | |
| JR315 | 1-216-296-00 | SHORT | 0 | |
| JR316 | 1-216-296-00 | SHORT | 0 | |
| JR317 | 1-216-296-00 | SHORT | 0 | |
| JR318 | 1-216-296-00 | SHORT | 0 | |
| JR319 | 1-216-296-00 | SHORT | 0 | |
| JR320 | 1-216-296-00 | SHORT | 0 | |
| JR321 | 1-216-296-00 | SHORT | 0 | |
| JR322 | 1-216-296-00 | SHORT | 0 | |
| JR323 | 1-216-296-00 | SHORT | 0 | |
| JR324 | 1-216-296-00 | SHORT | 0 | |
| JR351 | 1-216-295-00 | SHORT | 0 | |
| JR352 | 1-216-295-00 | SHORT | 0 | |
| JR353 | 1-216-295-00 | SHORT | 0 | |
| JR354 | 1-216-295-00 | SHORT | 0 | |
| JR355 | 1-216-295-00 | SHORT | 0 | |
| JR356 | 1-216-295-00 | SHORT | 0 | |
| JR358 | 1-216-295-00 | SHORT | 0 | |
| JR359 | 1-216-295-00 | SHORT | 0 | |
| JR361 | 1-216-295-00 | SHORT | 0 | |
| | | < COIL > | | |
| L101 | 1-420-872-00 | COIL, AIR-CORE | | |
| L201 | 1-420-872-00 | COIL, AIR-CORE | | |
| L351 | 1-469-449-11 | INDUCTOR | 100uH | |
| | | < JACK > | | |
| PJ301 | 1-785-926-11 | JACK, PIN 6P (LINE OUT, MD IN, VIDEO IN) | | |
| | | < TRANSISTOR > | | |
| Q101 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q102 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q103 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q106 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |

| Ref. No. | Part No. | Description | | Remark |
|---|---|---|---|---|
| Q201 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q202 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q203 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q206 | 8-729-920-31 | TRANSISTOR | DTC343TK-T-146 | |
| Q303 | 8-729-027-31 | TRANSISTOR | DTA124EKA-T146 | |
| Q304 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q305 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q306 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| Q308 | 8-729-027-31 | TRANSISTOR | DTA124EKA-T146 | |
| Q310 | 8-729-019-00 | TRANSISTOR | 2SD2394-G | |
| Q311 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| Q312 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q313 | 8-729-028-54 | TRANSISTOR | KTC3205-Y-AT | |
| Q314 | 8-729-028-54 | TRANSISTOR | KTC3205-Y-AT | |
| Q315 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| Q316 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q317 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| Q318 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q320 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q321 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| Q322 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q351 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q352 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q353 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q354 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q355 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q356 | 8-729-901-00 | TRANSISTOR | DTC124EKA-T146 | |
| Q357 | 8-729-036-89 | TRANSISTOR | KTC3198GR-A | |
| Q358 | 8-729-036-89 | TRANSISTOR | KTC3198GR-A | |
| Q359 | 8-729-036-89 | TRANSISTOR | KTC3198GR-A | |
| Q360 | 8-729-037-02 | TRANSISTOR | KTA1266Y-AT | |
| Q651 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q652 | 8-729-801-84 | TRANSISTOR | 2SB1013-TP-34 | |
| Q653 | 8-729-801-84 | TRANSISTOR | 2SB1013-TP-34 | |
| Q654 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q655 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q656 | 8-729-202-56 | TRANSISTOR | 2SA950-Y-TPE2 | |
| Q657 | 8-729-202-56 | TRANSISTOR | 2SA950-Y-TPE2 | |
| Q658 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q659 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q661 | 8-729-040-76 | TRANSISTOR | KTA1273-Y-AT | |
| Q662 | 8-729-900-53 | TRANSISTOR | DTC114EKA-T146 | |
| Q808 | 8-729-027-44 | TRANSISTOR | DTC114TKA-T146 | |
| | | < RESISTOR > | | |
| R102 | 1-216-089-00 | RES, CHIP | 47K 5% 1/10W | |
| R103 | 1-216-049-11 | RES, CHIP | 1K 5% 1/10W | |
| R105 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W | |
| R106 | 1-216-053-00 | METAL CHIP | 1.5K 5% 1/10W | |
| R107 | 1-216-055-00 | METAL CHIP | 1.8K 5% 1/10W | |
| R108 | 1-216-059-00 | METAL CHIP | 2.7K 5% 1/10W | |
| R109 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W | |
| R110 | 1-216-056-00 | RES, CHIP | 2K 5% 1/10W | |
| R111 | 1-216-071-11 | RES, CHIP | 8.2K 5% 1/10W | |
| R112 | 1-216-049-11 | RES, CHIP | 1K 5% 1/10W | |
| R113 | 1-216-089-00 | RES, CHIP | 47K 5% 1/10W | |
| R114 | 1-216-056-00 | METAL CHIP | 2K 5% 1/10W | |

## MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R115 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R116 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R117 | 1-216-089-91 | METAL CHIP | 47K | 5% | 1/10W |
| R118 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R120 | 1-216-047-91 | METAL CHIP | 820 | 5% | 1/10W |
| R121 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R122 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R123 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R124 | 1-216-089-91 | METAL CHIP | 47K | 5% | 1/8W |
| R125 | 1-216-090-00 | METAL CHIP | 51K | 5% | 1/10W |
| R126 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| ⚠R127 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R129 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R130 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W |
| R131 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R133 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R134 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R135 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R136 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R137 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R138 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R151 | 1-216-107-00 | METAL CHIP | 270K | 5% | 1/10W |
| R152 | 1-216-027-00 | METAL CHIP | 120 | 5% | 1/10W |
| R153 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R154 | 1-216-100-00 | RES, CHIP | 130K | 5% | 1/10W |
| R155 | 1-216-068-00 | METAL CHIP | 6.2K | 5% | 1/10W |
| R156 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R157 | 1-216-067-00 | METAL CHIP | 5.6K | 5% | 1/10W |
| R158 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R159 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R160 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R162 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R163 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R170 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R171 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R202 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R203 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R205 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R206 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W |
| R207 | 1-216-055-00 | METAL CHIP | 1.8K | 5% | 1/10W |
| R208 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W |
| R209 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R210 | 1-216-056-00 | RES, CHIP | 2K | 5% | 1/10W |
| R211 | 1-216-071-11 | RES, CHIP | 8.2K | 5% | 1/10W |
| R212 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R213 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R214 | 1-216-056-00 | METAL CHIP | 2K | 5% | 1/10W |
| R215 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R216 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R217 | 1-216-089-91 | METAL CHIP | 47K | 5% | 1/10W |
| R218 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R220 | 1-216-047-91 | METAL CHIP | 820 | 5% | 1/10W |
| R221 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R222 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R223 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R224 | 1-216-089-91 | METAL CHIP | 47K | 5% | 1/8W |
| R225 | 1-216-090-00 | METAL CHIP | 51K | 5% | 1/10W |
| R226 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| ⚠R227 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R229 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R230 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W |
| R231 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R233 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R234 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R235 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R236 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R237 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R238 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R251 | 1-216-107-00 | METAL CHIP | 270K | 5% | 1/10W |
| R252 | 1-216-027-00 | METAL CHIP | 120 | 5% | 1/10W |
| R253 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R254 | 1-216-100-00 | RES, CHIP | 130K | 5% | 1/10W |
| R255 | 1-216-068-00 | METAL CHIP | 6.2K | 5% | 1/10W |
| R256 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R257 | 1-216-067-00 | METAL CHIP | 5.6K | 5% | 1/10W |
| R258 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R259 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R260 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R262 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R263 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R270 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R271 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R302 | 1-216-035-00 | METAL CHIP | 270 | 5% | 1/10W |
| R306 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R309 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R310 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R311 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R312 | 1-216-077-00 | RES, CHIP | 15K | 5% | 1/10W |
| R313 | 1-216-077-00 | RES, CHIP | 15K | 5% | 1/10W |
| R314 | 1-216-043-00 | RES, CHIP | 560 | 5% | 1/10W |
| R316 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R317 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W |
| R321 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R325 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R326 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R351 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R352 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R353 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R354 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R356 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R357 | 1-216-066-00 | METAL CHIP | 5.1K | 5% | 1/10W |
| R358 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R359 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R360 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R361 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R362 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R363 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R364 | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W |
| R365 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R366 | 1-217-671-11 | METAL CHIP | 1 | 5% | 1/10W |
| R367 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R368 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R369 | 1-216-308-00 | METAL CHIP | 4.7 | 5% | 1/10W |
| R370 | 1-216-308-00 | METAL CHIP | 4.7 | 5% | 1/10W |
| R371 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R372 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R380 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R381 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R620 | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W |
| R622 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R623 | 1-216-071-00 | METAL CHIP | 8.2K | 5% | 1/10W |
| R624 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R625 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R627 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R628 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R629 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R630 | 1-216-027-00 | METAL CHIP | 120 | 5% | 1/10W |
| R631 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R633 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R638 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R639 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R650 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R651 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R652 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R653 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R654 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R655 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R656 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R657 | 1-216-020-00 | RES, CHIP | 62 | 5% | 1/10W |
| R691 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R692 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R800 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R801 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R803 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R804 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R806 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R807 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R808 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R809 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R810 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R811 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R812 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R813 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R815 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R816 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R817 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R818 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R819 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R820 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R821 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R822 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R823 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R824 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R825 | 1-216-025-00 | RES, CHIP | 100 | 5% | 1/10W |
| R826 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R827 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R828 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R829 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R830 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R831 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R832 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R833 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R834 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R835 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R836 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R837 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R838 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R839 | 1-216-013-00 | METAL CHIP | 33 | 5% | 1/10W |
| R840 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R841 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R842 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R843 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R844 | 1-216-089-00 | RES, CHIP | 47K | 5% | 1/10W |
| R846 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R847 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R848 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R849 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R850 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R851 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R852 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R853 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R854 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R855 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R856 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R857 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R858 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R859 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R860 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R861 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R862 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R863 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R864 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R865 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R866 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R867 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R868 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R869 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R870 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R871 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R872 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R873 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R874 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R875 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R876 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R877 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R878 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R879 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R880 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R881 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R882 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R883 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R884 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R885 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R886 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R887 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R888 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R890 | 1-216-065-00 | RES, CHIP | 4.7K | 5% | 1/10W |
| R891 | 1-216-097-00 | RES, CHIP | 100K | 5% | 1/10W |
| R892 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R894 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |

# MAIN | POWER | VIDEO SW

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R895 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R896 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R897 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R898 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| R899 | 1-216-049-11 | RES, CHIP | 1K | 5% | 1/10W |
| | | < VARIABLE RESISTOR > | | | |
| RV151 | 1-241-765-11 | RES, ADJ, CARBON 22K | | | |
| RV152 | 1-225-231-21 | RES, ADJ, CARBON 4.7K | | | |
| RV153 | 1-241-767-21 | RES, ADJ, CARBON 100K | | | |
| RV251 | 1-241-765-11 | RES, ADJ, CARBON 22K | | | |
| RV252 | 1-225-231-21 | RES, ADJ, CARBON 4.7K | | | |
| RV253 | 1-241-767-21 | RES, ADJ, CARBON 100K | | | |
| | | < SPEAKER TERMINAL > | | | |
| * SJ301 | 1-536-708-41 | TERMINAL BOARD, PUSH 4P (SPEAKER IMPEDANCE USE 6-16Ω) | | | |
| | | < COIL, TRANSFORMER > | | | |
| T150 | 1-419-080-11 | COIL | | | |
| T250 | 1-419-080-11 | COIL | | | |
| T351 | 1-419-081-11 | TRANSFORMER, BIAS OSCILLAATION | | | |
| | | < VIBRATOR > | | | |
| X801 | 1-767-184-11 | VIBRATOR, CERAMIC (4.19MHz) | | | |
| X802 | 1-567-098-41 | VIBRATOR, CRYSTAL (32.768kHz) | | | |
| ********** | | | | | |
| | 1-675-187-11 | POWER BOARD<br>********** | | | |
| | 1-533-313-11 | HOLDER, FUSE | | | |
| | | < CAPACITOR > | | | |
| C907 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C908 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C909 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C910 | 1-101-005-00 | CERAMIC | 22000PF | 50V | |
| C911 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C912 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C913 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| C914 | 1-161-494-00 | CERAMIC | 0.022uF | 25V | |
| | | < CONNECTOR > | | | |
| CN901 | 1-564-321-00 | PIN, CONNECTOR 2P | | | |
| CN902 | 1-766-279-11 | PIN, CONNECTOR (PC BOARD) 6P | | | |
| | | < DIODE > | | | |
| D907 | 8-719-902-17 | DIODE 1N5401 | | | |
| D908 | 8-719-902-17 | DIODE 1N5401 | | | |
| D909 | 8-719-902-17 | DIODE 1N5401 | | | |
| D910 | 8-719-902-17 | DIODE 1N5401 | | | |
| D911 | 8-719-046-07 | DIODE 2A02M | | | |
| D912 | 8-719-046-07 | DIODE 2A02M | | | |
| D913 | 8-719-046-07 | DIODE 2A02M | | | |
| D914 | 8-719-046-07 | DIODE 2A02M | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < FUSE > | |
| ⚠F901 | 1-533-463-11 | FUSE, GLASS TUBE (DIA. 5) (T0.63AL/250V) | |
| ⚠F902 | 1-533-469-11 | FUSE, GLASS TUBE (DIA. 5) (T2.5AL/250V) | |
| ⚠F903 | 1-533-469-11 | FUSE, GLASS TUBE (DIA. 5) (T2.5AL/250V) | |
| | | < LINE FILTER > | |
| ⚠LF901 | 1-424-150-11 | TRANSFORMER, LINE FILTER | |
| | | < SWITCH > | |
| ⚠S901 | 1-552-921-00 | SWITCH, POWER (VOLTAGE SELECTOR) | |
| | | < TRANSFORMER > | |
| ⚠T901 | 1-433-809-11 | TRANSFORMER, POWER | |
| ********** | | | |
| | 1-675-191-11 | VIDEO SW BOARD<br>********** | |
| | | < JACK > | |
| J401 | 1-793-571-11 | JACK, PIN 1P (VIDEO OUT) | |
| | | < SWITCH > | |
| SW401 | 1-771-788-11 | SWITCH, SLIDE (SYSTEM SELECT) | |
| ********** | | | |
| | | MISCELLANEOUS<br>********** | |
| 1 | 1-772-001-11 | ELECTRIC, MECHANICAL (TAPE DECK BLOCK) | |
| 60 | 1-790-628-11 | WIRE (FLAT TYPE) (18 CORE) | |
| 61 | 1-790-629-11 | WIRE (FLAT TYPE) (20 CORE) | |
| 62 | 1-418-482-11 | ILLUMINATION BLOCK, LED | |
| 110 | 1-790-630-11 | WIRE (FLAT TYPE) (12 CORE) | |
| 112 | A-4426-617-A | TUNER PACK | |
| ⚠116 | 1-558-943-31 | CORD, POWER (TH) | |
| ⚠116 | 1-696-169-21 | CORD, POWER (MY, SP, HK) | |
| ⚠116 | 1-783-205-11 | CORD, POWER (CH) | |
| ⚠117 | 1-770-019-11 | ADAPTOR, CONVERSION PLUG 3P (HK) | |
| 122 | 1-791-494-11 | WIRE (FLAT TYPE) (24 CORE) | |
| 123 | 1-791-493-11 | WIRE (FLAT TYPE) (19 CORE) | |
| 126 | 1-761-268-11 | BOARD UNIT (VCD BLOCK) | |
| 159 | 1-452-493-21 | MAGNET | |
| 204 | 1-791-495-11 | WIRE (FLAT TYPE) (16 CORE) | |
| ⚠206 | 8-820-070-02 | OPTICAL PICK-UP KSM-213CCP/K1N | |
| M101 | X-2646-381-1 | MOTOR CHASSIS ASSY (MB) (SPINDLE) | |
| M102 | X-2625-769-1 | MOTOR GEAR ASSY (MB) (RP) (SLED) | |
| M901 | X-2625-117-1 | MOTOR ASSY, LOADING | |
| ⚠T901 | 1-433-809-11 | TRANSFORMER, POWER | |
| ********** | | | |

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | ********** | |
| | | HARDWARE LIST | |
| | | ********** | |
| #1 | 7-685-546-14 | SCREW +BTP 3X8 TYPE2 N-S | |
| #2 | 7-685-245-19 | SCREW +KTP 3X6 TYPE2 NON-SLIT | |
| #3 | 7-685-246-14 | SCREW +KTP 3X8 TYPE2 NON-SLIT | |
| #4 | 7-685-659-14 | SCREW +BVTP 4X8 TYPE2 N-S | |
| #5 | 7-685-135-19 | SCREW +P 2.6X10 TYPE2 NON-SLIT | |
| #6 | 7-621-255-32 | SCREW +P 2X5 | |
| #7 | 7-685-105-19 | SCREW +P 2X8 TYPE2 NON-SLIT | |

9-928-968-11

Sony Corporation
Home Audio Company

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